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According to this guide the teachers' library is: (1) a collection of books and materials housed in one or several places; (2) a flexible service, not a location; (3) a collection of materials in the various subject areas as well as materials on methodology; (4) a collection of materials for specialists and for teachers with only general backgrounds. The teachers' library is most effective when conducted by trained school librarians. It is organized at two levels--the school building and the school district--and its purpose is to stimulate innovation in curriculum and teaching. Aspects of organization and administration of teachers' libraries are discussed, including size of collection, financing, facilities, staffing, and selection and organization of materials. The main portion of the book is a classified and annotated list of books, pamphlets, films, and filmstrips, and a list of journals recommended for inclusion in a teachers' library. The materials listed were selected by 44 organizations which recommended materials in their own fields. Full buying information is provided for each item and no materials known to be out of print are included. A list of publishers and an author and title index are provided. (Author/CC)

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THE
TEACHERS'
LIBRARY

LI 001520

HOW TO ORGANIZE IT AND WHAT TO INCLUDE

1968 EDITION

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HOW TO ORGANIZE IT AND WHAT TO INCLUDE

1968 EDITION

American Association of School Librarians
National Commission for Teacher Education
and Professional Standards
NATIONAL EDUCATION ASSOCIATION

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Introduction

Children in thousands of classrooms are not learning what they should because their teachers do not have ready access to the most recent and helpful ideas in their teaching fields.

Hundreds of thousands of American teachers miss the intellectual excitement in the books, periodicals, and other materials which have resulted from the revolution in education during this decade.

What can be done to solve these problems?

One specific and direct solution is to put close at hand to all teachers the richest possible library resources. This means establishing and operating a library for teachers in every school building in the nation.

Five years ago, such a proposal would have been ridiculous because of lack of money. Today, such an idea _is_ realistic because of increased state and federal funds available for school libraries, of which the library for teachers should be an important part.

Recognizing both the need and the new possibilities, the American Association of School Librarians and the National Commission on Teacher Education and Professional Standards, in the fall of 1964, appointed a joint committee and charged it to produce ideas and information of immediate and practical value that would help achieve the objective of making the latest and most relevant books and other materials easily accessible to all teachers.

The joint committee included a classroom teacher, a school administrator, a university faculty member, school and college librarians, and professional association staff members.

The committee decided to do three things:

1. To develop carefully selected, annotated list of books, periodicals, films, and other materials for teachers' libraries.
2. To offer ideas about getting a teachers' library started, organizing and administering it, and encouraging its use.
3. To demonstrate in practice the values of a good library for teachers.

The first edition of The Teachers' Library was published in April 1966. The 1968 Edition has been enlarged and improved upon. The lists have been made more selective; annotations are more informative; and an Index to Authors and Titles has been added. In making these improvements, we have been guided in part by suggestions from our readers. We hope they will continue to send in their comments on the present edition.

FIRST TASK

For the annotated lists, the committee turned to the learned societies and the professional associations, who were asked to select the most important works in their respective fields, classify them according to their level of major interest—elementary or secondary—and annotate each briefly. The source of each item is shown, and those items considered by their contributors to be of highest priority are starred. Thirty-five organizations contributed to the first edition. This time, forty-four have contributed, making the present edition much more inclusive and representative.

As in the first edition, undoubtedly many excellent items have been omitted. Many have been published since the lists were compiled. The quality and relevance of those listed most certainly vary. Some fields are more adequately represented than others. Nevertheless, the lists provide a solid basis for starting teachers' libraries and for improving and expanding those already in existence.

SECOND TASK

The second task—recommendations about starting and running a library—was accomplished by calling on the general and technical competencies of the committee itself. The material in the first three chapters is the result of many hours of discussion and individual effort.

The recommendations in these preliminary chapters are neither complete nor infallible. The committee wanted to be specific but not overly prescriptive. It recognized that the diversity of American education requires the exercise of thoughtful judgment at the local level in applying the recommendations of any national committee. What makes sense in Scottsbluff, Nebraska, may be inappropriate in Washington, D.C. What is needed in large school districts may be quite different from what is needed in a small town or a consolidated school in a rural area.

THIRD TASK

The third task—demonstration of the values of libraries for teachers—lies ahead. It is hoped that this publication will stimulate research and demonstration projects.

GENERAL AGREEMENTS

As it worked, the committee was guided by some general agreements. Here is its concept of an effective library for teachers:

- -- It is a collection of books and materials which may be housed in one or several places.
- -- It is a flexible service, not a location, or a room, or a building.
- -- It will be most effective if it can be planned and conducted with the expert professional assistance of trained school librarians.
- -- It includes books, periodicals, pamphlets, films, filmstrips, teaching machine programs, and materials.
- -- It includes books about history, economics, mathematics, music, anthropology, and other such subject areas, as well as about methodology, the learning problems of disadvantaged children, curriculum planning, and similar topics.
- -- It includes books and materials for the specialists in a field as well as for the teacher with only a general background and interest in the same field.
- -- It is organized and operated to stimulate and encourage innovation and change in curriculum and teaching.
- -- It is organized at two levels: the individual school building and the school district.

The committee has done its work well. The sponsoring organizations--the National TEPS Commission and the AASL--now issue a call to teachers, librarians, local and state teachers associations, learned societies, local and state school boards (and anyone else who will listen) to get busy and develop libraries for teachers. This publication will be of little value unless it aids and encourages the development and improvement of such libraries.

We hope that those who passively browse through these pages will become activists for the cause. The American Association of School Librarians and the National TEPS Commission stand ready to aid all who do. Both associations will be glad to have comments from those who use this publication. Constructive criticism will help to make future editions more useful.

Concept and Scope

The village all declared how much he knew;
'Twas certain he could write, and cipher too;
Lands he could measure, terms and tides presage,
And even the story ran that he could gauge.

In arguing too, the parson owed his skill,
For even though vanquished, he could argue still;
While words of learned length and thundering sound,
Amazed the gazing rustics ranged around;

And still they gazed, and still the wonder grew,
That one small head could carry all he knew.

The Deserted Village, Oliver Goldsmith
(1728-74)

If the accumulated learnings of the village schoolmaster were a source of amazement to the rustics in Goldsmith's rather romantic poem, consider how much more astonished they would be at the demands made on the modern teacher. In the two centuries that have passed since this tribute to the teacher was written, the world has, for better or worse, become an immensely more complicated place in which to live. Life is no longer simple. One can no longer impress his fellows with such prosaic skills as his ability to write, cipher, measure, gauge, and argue.

The modern pedagogue, more perhaps than anyone else in this frenetic society, is expected to be aware of the technical progress, cultural change, and social movements we call progress. And this is only half of the story, for these represent merely the demands made on the teacher's general knowledge. There is, in addition, the proliferation of knowledge in his two fields of specialization—education and the subjects he teaches. Keeping abreast of developments in these two fields alone in a staggering job, but when added to the demands on his general knowledge, it must seem to the bewildered teacher an impossibility.

This it may well be, and yet the teacher may not give up the struggle nor may he, as his brother professionals have done, seek the sanctuary of specialization. The doctor, lawyer, or other professional may by preference or necessity limit his field of study and his areas of awareness; but the teacher, since his is a function of synthesis of knowledge and transmission of values (which in itself requires the broadest field of awareness), is denied this particular mode of salvation from the overburdening task of "keeping up." Worse yet is the fact that it is not just the pace of progress that contributes to the burden but also the fact that the total mass of things to be known is growing to phenomenal proportions, often at the cost of things once believed to be known, so that keeping up has become at once a process of learning and unlearning. In this situation, inaction is impossible for to stand still is to run the risk not just of being out of date but of being absolutely wrong. It must seem to the beleaguered teacher that it is gross injustice to expect his "one small head" to carry all he is expected to know.

But there is hope! The same fertility of the human mind that created the problem can be used to solve it. There are ways of helping the teacher increase his background of knowledge.

Good schools all over the nation are operating or developing programs of continuing education for their teachers. These programs, where thoughtfully developed, are a tremendous boon to the teacher. They can be used to report and demonstrate the latest technical developments in the field of education generally, or they can be used to relate the latest developments in particular subject matter fields. In many cases, by dealing with current social issues and cultural changes, they can also be used to improve the teacher's general educational background and keep it up to date. Modern colleges and universities are recognizing their obligation for continuing education by making available to the teacher an increasing number of courses and other services.

More educational organizations are publishing more and better articles in their periodicals than ever before. These writings can most effectively help the teacher to keep abreast of developments, especially those so recent that there has not been time for anyone to write a book about them. The supply of books and other graphic materials is increasing so rapidly as to stagger the imagination. In fact, this constitutes a problem in itself. Deciding what to read is becoming increasingly serious; one cannot read everything that is coming off the presses. Reading time must be guarded jealously and spent wisely; and one cannot afford to waste time stumbling through second-rate material searching for what is significant.

All these factors underline the necessity for the formation of a carefully selected library for teachers in each school and each system center. Such a library could become one of the most helpful developments in the continuing education of teachers by making readily available efficiently organized materials on content and methodology, by encouraging them in the use of all kinds of materials for the enrichment of course content and the preparation of assignments that provide for the needs of students of varying abilities, and by suggesting to them places where free and inexpensive materials may be obtained.

Keeping up with research poses a special problem for the practicing professional. A mature profession demands that decisions in every area possible be based on the best knowledge currently available, and yet research is becoming a field of narrower and narrower specialities filled with esoteric terms and concepts. As a result, there is growing difficulty in communication between the researcher and the practitioner in every field—including education.

While some structural solutions are being attempted in education, e.g., the regional laboratories, there is little evidence yet that the gap between research and practice can successfully be closed. This is not intended to suggest that the distinction between the two areas should be eliminated, for it is clear that both research and practice are distinct specialities requiring specialized training and procedures.

On the other hand, neither speciality can exist in total isolation from the other and still retain its effectiveness. In fact much of educational research must be carried on in the field. In education perhaps more than in any other discipline, the field is the laboratory. Thus, many practicing teachers are significantly involved in research activities, and more such involvement is needed.

Nevertheless, for many teachers, perhaps the majority of them, the problem will continue to be one of finding a means of maintaining contact with research activities in which they are not directly involved and translating research findings into acceptable practice. The professional teacher has an obligation to be aware of at least the major findings of general educational research and to be informed more specifically in his particular field.

The professional library can help the teacher fulfill this obligation if it contains sources of information on research and research services. It is important that every teacher have access to the items listed herein which are pertinent to his special interests and competencies.

The uses of the professional library need not be limited to the in-service teacher. The professional library can also help the prospective teacher extend his learning experiences. Student teachers in both large and small school districts would have access to professional literature and audiovisual media to obtain a better understanding of the vast and expanding contemporary fields of knowledge. Student NEA and FTA chapters could use a professional library to strengthen their members' choice of a teaching career. Students would find there material of special interest not available to them in the general library.

The professional library might serve the administrator by giving him information on the basic issues and daily administrative problems which confront him—scheduling the school program, human relations in the school, creative teaching, the financing of the school, student teaching, certification requirements, accreditation policies, recruitment of school personnel, placement of school personnel, placement and induction of beginning teachers, the role of temporary teachers, local and national experimental projects in subject fields, ability grouping, and policy making. Community relationships involving parent-teacher conferences, speeches, meetings, and panel discussions could be improved with ideas discovered in a professional library. There, the administrator would have immediately at hand the materials helpful in working with students, teachers, and parents for effective school living.

The teachers' library is an educational investment which stimulates continuing education on the part of beginning and in-service teachers, prospective teachers, and administrators as they use its tools for a better understanding of the newer approaches to teaching and learning. It should be carefully selected, centrally located, and easily available to all teachers. Where one is already in existence, it should be strengthened, updated, and improved. Where there is no library for teachers, no time should be lost in the establishment of one. If possible, one should be located in each school building where some materials will be most readily accessible to teachers, administrators, and interested students. It is to be hoped that in each school system there will also be a well-developed library for teachers in the district center to supplement those in individual school buildings. Carefully selected, well organized, and effectively used, libraries for teachers can mean well-informed, educated teachers and administrators—the surest and quickest road to our common goal of quality education.

Organization and Administration

SIZE OF COLLECTION

A library for teachers may comprise a few shelves of books in a small school or a collection of thousands of volumes and other materials serving a large city or school district; consequently, the problems of administration vary widely. Selecting, organizing, and publicizing materials are processes basic to any collection regardless of its size or the public it serves. In developing policies of selection and administration of materials, the librarian must therefore consider what other library facilities in the area are available to school personnel. Clearly, the librarian in the district where the board of education library will be the only source of professional materials for teachers will face a different situation than will the one in a district where there is a nearby city, regional, or university library.

Although the size of the collection will vary with the financial means of the school and the adequacy of existing collections, the following standards developed by the American Library Association should be used:[1]

1. A basic book collection of 200-1,000 titles depending on size and needs of faculty.

2. Twenty-five to fifty professional magazine subscriptions.

3. A collection of pamphlets, filmstrips, curriculum guides, resource units, and other special instructional materials as needed by the faculty members.

4. A minimum annual expenditure for the professional collection (in addition to funds allocated for school library materials) of $200 to $800, depending on the size of the faculty and the availability of other professional materials in the community.

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[1] American Library Association. Standards for School Library Programs. Chicago: the Association, 1960. pp. 85-86.

FINANCING THE TEACHERS' LIBRARY

Provision for adequate financing is of paramount importance in the planning and development of the teachers' library. Money for this purpose should be an integral part of the regular school budget. The teachers' library should be considered as important and necessary for a school system as food and clothing for the family or gasoline for the automobile. There is no more reason to look outside the regular budget for funds to maintain this library than for money to pay teachers' salaries or purchase floor wax.

Having accepted the fact that an allowance for such libraries should be included in the regular budget, the school system is faced with such questions as: How much money should be set aside? How can money be used for the professional library when there is not enough available for libraries for the pupils? How can expenditures for this purpose be kept in proper balance with the rest of the school needs? These are all valid questions to which there are no easy answers.

The amount of money to be spent will depend very largely on the amount the district now spends for the pupils' libraries. It does not seem unreasonable to suggest that the teachers' library should receive an amount per teacher equal to the amount spent per pupil for library books in the district. Thus, if a school spends $4 per pupil for books for the school library, an expenditure of an additional $800 annually for the teachers' library would be justifiable for a faculty of 200 teachers. This should be a minimum figure if the library is to be maintained at an efficient level. Such a formula would not be out of balance with the other demands on the school funds and would not reduce the number of books that could be purchased for pupil use. Moreover, it is a flexible plan that could be adapted to the total budget as economic conditions change.

Up to this point, funds for the maintenance of established libraries for teachers have been considered. Many, if not most, schools will be faced with the problem of initiating such libraries. This will, of necessity, call for a somewhat larger expenditure and very likely will need to be planned over a three- to five-year period. It might be that as much as ten years would be required for a school system to reach full strength in its professional library.

It should not be overlooked, in discussing financing, that there are supplementary sources of funds for building up the size of the book collection. Professional gifts from individual practitioners would not be unwelcome; parent groups might wish to make a contribution; and free materials are often available, especially in pamphlet form. The important principle to keep in mind, however, is that the basic financial support must come from the regular school budget. Otherwise, the teachers' library will be kept in the category of a poor relation or an object of charity. Another basic principle is that, before being added to the collection, all gifts should be evaluated on the same terms as purchased materials.

HOUSING THE TEACHERS' LIBRARY

It is to be hoped that in each individual school there will be a room adequate in size to seat teachers and to house a collection of organized materials suitable for their use. If possible, this room should adjoin the general library, but if not, the materials should be kept where they will be most accessible to and most used by the faculty.

In large school districts, there should also be a larger teachers' library, equipped to give professional service to teachers by telephone. It should be of sufficient size and furnished in such a way that teachers, singly or in groups, can readily consult the materials; and it should be open during the hours when they are free to visit the collection.

STAFFING THE LIBRARY

In most cases, the library for the teacher in the individual school will be under the supervision of a qualified school librarian and his staff. In schools where there is no qualified librarian, one teacher or a committee might be in charge. In this case, help in organization could be obtained from a qualified librarian in the area. The clerical staff of the school library can assist in the processing, circulation, and shelving of materials in the professional library.

A district professional library would require at least one fully qualified librarian, with additional clerical and professional help as the needs of the district might dictate and the budget permit.

SELECTION OF MATERIALS

This publication is designed to assist in the choosing of materials for the teachers' library by providing a list of selected materials recommended by many national professional organizations. However, it is unlikely that any one school will be able to purchase all of them at the outset or, indeed, that the bibliography provided here can completely satisfy the individual needs of each school or district library. The asterisk to the left of some entries in the annotated lists indicates possible priority. The librarian, with the help of the teaching staff, will need to work out a system of orderly acquisition which will meet the immediate needs of the staff and provide a balance among the various areas and subject matter fields. But selection of materials should not be the task of the librarian alone. The knowledge of all members of the teaching staff should be utilized to the fullest extent in obtaining for the professional library the necessary materials to enable all teachers to do a better job.

Circulating selection tools among staff members may encourage individuals to make suggestions for purchase. The formation of faculty committees in the different subject fields to aid in book selection may prove fruitful. Where there is a central district library, the librarian will have easy access to the opinions of curriculum consultants and other specialists who will have valuable suggestions.

There are some aids which are particularly valuable to librarians selecting materials for the professional library. The catalogs of such publishers and organizations as NEA, ALA, H. W. Wilson Company, and the Bureau of Publications, Teachers College, are very useful. Membership in organizations such as the American Association of School Administrators, Association for Supervision and Curriculum Development, and Association for Childhood Education International will bring in many valuable publications automatically. Each year, the May issue of the NEA Journal has a section entitled "Outstanding Education Books of [the previous year]." The NEA Journal also carries monthly announcements of "New NEA Publications," including all units and departments of the Association. Time and Saturday Review list and review books on education. School and Society reviews not only books on education but also general books of significance to educators. The Booklist of the American Library Association frequently recommends books on education of interest to laymen which should be read by teachers.

The librarian will also wish to scan the book review sections of the various professional journals for suggestions. In some instances, these reviews may be the most authoritative to be found. Education Summary and the Bulletin of the NASSP are among the other periodicals particularly useful with up-to-date suggestions. Because of the tremendous importance of pamphlet material in this type of library, the librarian will find the Vertical File Index, published by the H. W. Wilson Company, an important tool.

The publications of the federal government, particularly of the U. S. Office of Education, are very valuable. Every librarian should send a postcard to the Superintendent of Documents, Government Printing Office, Washington, D. C., asking that his name be added to the mailing list to receive Selected U. S. Government Publications and Price Lists. At least one library in the district should have the complete Monthly Catalog of Government Documents. One may also request that the Superintendent of Documents send him regularly a notification of available publication(s) in a special field of interest. (Individual teachers may wish to have their names placed on such mailing lists.) And today, when the federal government is playing such a large role in education, it is particularly important for the librarian to be aware not only of new government pamphlets but also of new legislation. Copies of complete or proposed acts may be obtained by writing to the Congressional committee involved. Education U.S.A. often provides notices of proposed legislation and informs its readers of the best way to obtain copies. Some recent government publications have summarized education legislation; and a monthly publication, Health, Education and Welfare Indicators, is useful in keeping librarians and teachers up to date in these matters.

The last-named publication also provides help in selecting periodicals. The importance of periodicals in bringing new research and new ideas in education to teachers cannot be overstressed, since magazine articles are customarily the first place in which these things are reported. Education Index, published by the H. W. Wilson Company, is an indispensable tool to be used in locating these articles. A large, centralized, board of education library or a teachers' library in an elementary school may have subscription to a few general magazines with frequent good articles of particular interest to educators. Saturday Review has an excellent education supplement once a month; also useful are Harper's, Atlantic, Current, The Reporter, The Nation, and The New Republic. The librarian may also wish to purchase single issues of popular magazines when they contain newsworthy articles on education. NEA's Magazine Report summarizes articles of this type but reports them too late for the purchase of current copies of the magazines. Education U.S.A. each week forecasts articles of interest to educators which will appear in general magazines. It should be remembered that teachers need to see articles having wide circulation even if they are inaccurate, sensational, or unfavorable to public education.

Audiovisual materials also have an important place in the professional library. Tools for selecting such materials and the titles of some specific films, filmstrips, etc., are included in the annotated list in this publication.

Some of the most important sources of materials are the free and inexpensive listings. There are the well-known annual or biennial listings: Free and Inexpensive Learning Materials, put out by George Peabody College for Teachers, Nashville, Tennessee, $2 ; Free and Inexpensive Educational Aids by Thomas Pepe, Dover Publications, $1.50; Catalog of Free Teaching Materials by Gordon Salisbury, P.O. Box 1075, Ventura, California, 85 cents; and the Educators Guide series (annuals) of free films, filmstrips, tapes, guidance materials, teaching aids, science materials, and social studies materials put out by the Educators Progress Service of Randolph, Wisconsin. Many periodicals have free and inexpensive listings regularly, e.g., "An Annual List of Free and Inexpensive Materials" in the September issue of the English Journal, the column "Write for These," published each month in the Wilson Library Bulletin, and the monthly "Free or Inexpensive" listings in the NEA Journal. Librarians should watch for these listings and make the most of them.

A few general guidelines are: (1) The needs of individual professional development should take precedence over the needs of individual teachers taking course work. However, if funds permit, books may be purchased which will benefit teachers taking courses. (2) Some books need to be purchased simply because they are controversial or illustrative of a fad. (3) Teachers will expect the library to contain some books on the aspects of our society which are influencing and being influenced by education to an ever-increasing degree today—the civil rights struggle, the population explosion, the war on poverty, automation, and the technological revolution. Although these books should be found as part of the general collection in a school library, it may be necessary to have duplicates in the teachers' library.

ORGANIZATION OF MATERIALS

Books

Subjects headings and Dewey Decimal Classification numbers have been provided for the titles on this list. Sometimes orthodox library classifications and subject headings do not seem to be the most satisfactory for users of the teachers' library. Library terminology is not always the same as that of educators and many be confusing or annoying to teachers. There are disadvantages either in spending time trying to make adaptations, which in any case will not be satisfactory to everyone, or in following library rules mechanically regardless of whether or not they meet specific needs. Each librarian must decide for himself what procedure is most practical.

Pamphlets

Much of the most significant material in the field of education comes in pamphlet form. The more significant pamphlets should be placed in pamphlet binders and cataloged as books. Vertical files provide the best way of housing the pamphlet collection; the usual arrangement is by subject. Some librarians may wish to keep separate such series as the NEA Quest for Quality, the Association of Classroom Teachers' "What Research Says to the Teacher," or the bulletins of the Office of Education. Bibliographies of one special kind or from one organization might be kept together. Some special collections of pamphlets may be kept in Princeton files or pamphlet boxes which can be secured from any of the library supply houses. Education Index provides suggestions for subject headings for the vertical file. However, some librarians may prefer fewer and more general headings than used in this publication and may want to use Sears List of Subject Headings for pamphlets as well as for the catalog.

Periodicals

Binding periodicals is expensive and space-consuming and can best be done on a regional basis. If one library in the area has a good back file of periodicals for research purposes, the needs of scholarly research can be met. Storing unbound peridocials also presents problems. However, if possible, back issues of those indexed in Education Index should be kept for a period of from two to five years in Princeton files or other suitable receptacles.

Audiovisual Materials

Films, filmstrips, records, tapes, and transparencies should be classified by the Dewey Decimal Classification and cataloged in the same way as books. Some, however, prefer to arrange them by subject or by accession number. Whatever method of organization is used, the important point to keep in mind is that the materials should be easily located. The storing of audiovisual materials and equipment requires extra space and cabinets or other receptacles for storage. There are a number of publications which offer help in caring for these materials properly.

Circulation of Materials

The circulation policy of the professional library should be designed to make all materials as accessible as possible to teachers and administrators and should be as liberal as the amount of the budget, the size of the collection, and the number of staff will allow. Whether or not materials may be circulated to those not connected with the school or school district will depend upon the accesibility and quality of other libraries in the area and the decision of the school district board of education.

Getting Started

In situations where there is no functional teachers' library for the district or the building, the means employed to get one started will, perhaps, have more to do with its eventual value than any other one factor. A beautifully organized collection of thousands of volumes reposing in splendid isolation from those who need it is of no value. The way in which the library and its function are perceived by teachers, administrators, and librarians is vital to its success. This perception can be influenced most effectively when the library is first being organized. Harmful or erroneous perceptions can be changed later, but only with much greater difficulty.

The desirable thing is to have a teachers' library which is recognized by the teacher as a valuable, usable tool; by the administrator as a useful facility and one of his responsibilities vital to a quality program; and by the librarian as one of his more important duties, the value of which can be judged best by the degree to which it is used by others, even at the risk of loss of organizational efficiency.

If the teachers' library is to be effective, careful consideration must be given to the following points: The library should not be started by the librarian alone, nor by the administrator alone, but should result from a discussion of the need for such a facility by teachers, administrators, and librarians together. If teachers are involved at the point where the library is still an idea and given some voice in its organization, location, and compiling, they are much more likely to perceive it as a familiar tool useful to them. Consequently, they will use it much more frequently.

The administrator should see the creation of this attitude toward the library as one of his significant duties. If he has been a partner with the teachers and the librarian in developing the idea, he himself will be much more likely to have a healthy attitude toward it. The administrator carries, in addition, a special responsibility for arranging for the adequate financing of the library. He should also serve as the arbiter when conflicts arise over its use.

The librarian should perceive the library as useful to him both as an educator and a professional person. He should consider his duties in the teachers' library to be equally as important as his other duties and should guard against any tendency to view this collection as a poor relation to the main collection. He should not begrudge the time spent on this library or in helping teachers to use it. If he has worked with teachers and administrators in initiating the teachers' library, he is much more likely to see himself as a partner with them in its development and maintenance.

Once good attitudes have been developed toward the library, they should not be allowed to go untended. Here are some suggestions that may help preserve (or develop) good attitudes, which, like good crops, need careful, constant cultivation. (1) Involve teachers in selection of additions to the library; (2) locate the collection conveniently and consider branch collections in such places as faculty lounge and departmental offices; (3) assist teachers to use the library and help them with research problems; (4) keep the entire operation open to suggestion and criticism; (5) bring out a frequently as possible lists of new acquisitions with brief annotations; (6) arrange for periodic reviews of books, but when reviewing for the entire staff, pick only timely items of general interest; (7) arrange displays and special collections on timely themes; (8) devise a system for routing certain materials to appropriate staff members; (9) bring to the attention of faculty groups working on a specific problem (e.g., curriculum) a list of available references on the topic; (10) if the teachers' library is housed in a central place, arrange for available and adequate time for its use, when teachers may easily visit and browse through available materials; (11) circulate traveling collections which may be housed in various schools for a period of time

How should one begin if but little money is available? Here are a few ideas that have worked:

Collect all recent examination copies of textbooks ordered by committees involved in changing current textbooks. Most schools allow a change every five years. New teachers and student teachers, particularly, find these supplementary texts valuable.

Collect and buy as many inexpensive but carefully selected pamphlets as possible.

Order as many books and periodicals listed in this publication as the budget will allow.

Collect all professional educational titles, both hardbound and paperback, in the school library and transfer them to the teachers' library.

Ask local organizations and civic groups to furnish appropriate materials.

Use the faculty member himself as one of the finest sources. Administrators often bring valuable additions to the collection back from conferences. If teachers and administrators are made aware of the need, they will contribute worthwhile bibliographies, resource units, outlines, and other materials which they have used successfully.

Process through the library all the new materials which individual teachers and department heads are permitted to buy. Then every teacher will know what new materials are available and where they may be found.

The bibliography presented here can aid existing teachers' libraries to improve and update their collections. For the small school with more limited resources, it is hoped that it can chart the way to a useful beginning teachers' library which can grow in value from year to year.

SELECTED MATERIALS FOR THE TEACHERS' LIBRARY

- Participating Organizations
- Guide to Entries
- Books, Pamphlets, Films, and Filmstrips
- Journals
- Subject Index
- List of Publishers
- Index to Authors and Titles

18/19

Participating Organizations

Forty-four different organizations contributed to this publication by recommending materials in their particular field and providing annotations. The initials of the organization(s) recommending a particular work appear at the end of its entry. Without the assistance of these organizations, this bibliography would not have been possible.

AAA	American Anthropological Association
AAAS	American Association for the Advancement of Science
AAHPER	American Association for Health, Physical Education, and Recreation, NEA
AASA	American Association of School Administrators, NEA
AASL	American Association of School Librarians, NEA, and American Library Association
ACEI	Association for Childhood Education International
ACT	Association of Classroom Teachers, NEA
AGI	American Geological Institute
AIAA	American Industrial Arts Association, NEA
APA	American Psychological Association
APGA	American Personnel and Guidance Association
APSA	American Political Science Association
ASCD	Association for Supervision and Curriculum Development, NEA
AST	Association for Student Teaching, NEA
AVA	American Vocational Association
CEC	Council for Exceptional Children, NEA

CEF	Committee on Educational Finance, NEA
DAVI	Department of Audiovisual Instruction, NEA
DESP	Department of Elementary School Principals, NEA
DHE	Department of Higher Education, NEA
EKNE	Department of Elementary-Kindergarten-Nursery Education, NEA
IRA	International Reading Association
MENC	Music Educators National Conference, NEA
MLA	Modern Language Association of America
NAEA	National Art Education Association, NEA
NAEC	National Aerospace Education Council
NASSP	National Association of Secondary School Principals, NEA
NBEA	National Business Education Association, NEA
NCGE	National Council for Geographic Education
NCSE	National Commission on Safety Education, NEA
NCSS	National Council for Social Studies, NEA
NCTE	National Council of Teachers of English
NCTEPS	National Council on Teacher Education and Professional Standards, NEA
NCTM	National Council of Teachers of Mathematics, NEA
NIP	National NDEA Institute for Advanced Study in Teaching Disadvantaged Youth
NSCTE	National Society of College Teachers of Education
NSPRA	National School Public Relations Association, NEA
NSSE	National Society for the Study of Education
NSTA	National Science Teachers Association, NEA
PES	Philosophy of Education Society

PR&R	Commission on Professional Rights and Responsibilities, NEA
SAA	Speech Association of America
Saf.	Safety Education Commission, NEA
UNESCO	United Nations Educational, Scientific, and Cultural Organization

Guide to Entries

Presented here are books, pamphlets, films, filmstrips, and journals as recommended by forty-four national organizations for inclusion in a professional library. Neither phonograph records, curriculum guides, nor tapes are listed, although all three are of value in a library of this kind.

Each of the entries has one or two letters at the left: "ES" indicates materials which should be available to teachers in both elementary and secondary schools; "E" and "S" are used to indicate materials of value to teachers in elementary or secondary schools, respectively. Each entry is followed by an abbreviation of the name of the organization(s) recommending it. An asterisk (*) preceding an author's name indicates that the organization recommending the work feels it is of special value and should be given priority when making decisions about acquisitions.

Books, pamphlets, films, and filmstrips are arranged in one list, classified by Dewey Decimal Classification,in numerical order, adapted somewhat for this list. The classification categories are deliberately very general. Libraries should feel free to modify the classification for their own uses. (An alphabetical Subject Index appears on page 169.) Under each classification section, materials are arranged alphabetically by author (or title, in the case of films and filmstrips). Full buying information is given. The names of publishers often are abbreviated in the entries. Full names as well as addresses appear in the List of Publishers on pages 170-75. No materials known to be out-of-print are included. An alphabetical Index to Authors and Titles appears on pages 176-208.

Journals are arranged in a separate list, alphabetically by title, with full buying information.

Books, Pamphlets, Films, and Filmstrips

028 READING AND READING GUIDANCE

Carlsen, G. Robert. Books and the Teen-Age Reader. New York: Harper, 1967. 218 pp. $3.95.

ES Guide for teachers, librarians, and parents, sponsored by the National Book Committee. Explores such significant topics as "subliterature" and "the shocking book;" needs of the college-bound student; and basic reference books. Detailed bibliographies. AASL

The Library - A Place for Discovery. Film. 16 min., sound, color, $180; b & w, $90; preview print, free. Encyclopaedia Britannica Films in cooperation with American Library Association and the American Association of School Librarians, 1966. Available from Encyclopaedia Britannica Films, 425 North Michigan Avenue, Chicago, Ill. 60611

ES Illustrates services, materials, and facilities of public and school libraries. AASL, DAVI, EKNE

The Pleasure is Mutual. Film. 24 min., sound, color, $225. Connecticut Films, Inc., 1966. Available for rent or borrowing from state or local public libraries.

E Developed under a grant from the LSCA. Designed for library staff, schools, citizen groups, etc., to show value of good picture book programs for three- to six-year-olds. AASL

Roe, Ernest. Teachers, Librarians, and Children. Hamden, Conn.: Shoe String, 1966. 189 pp. $5.

ES An Australian discusses the function of libraries, analyzing some of the factors which tend to keep children from reading. AASL

U.S. Office of Education, Educational Materials Center. Education—Literature of the Profession. Washington, D.C.: the Office, 1966. 15 pp. Free.

ES One of a series of periodic nonselective bibliographies; provides information about nature and availability of books recently received in the Center. AASL

028.5 CHILDREN'S LITERATURE BIBLIOGRAPHIES

Alm, Richard S., editor. Books for You. New York: Washington Square, 1964. 344 pp. 90 cents. (Also available from National Council of Teachers of English.)

S Annotated booklist for senior high school students prepared by an NCTE committee. AASL, NCTE

American Association of School Librarians, NEA. Selecting Materials for School Libraries: Guidelines and Selection Sources to Insure Quality Collections. Washington, D.C.: the Association, 1967. Single copies free.

ES Excellent list of sources for selecting materials. AASL

American Library Association. Books for Children, 1960-1965. Chicago: the Association, 1966. 447 pp. $10.

ES A classified, annotated list of the 3,068 titles recommended for library purchase in Children's Books section of The Booklist and Subscriptions Books Bulletin. Adult and young adult titles for use with children. Original annotations reprinted from The Booklist. AASL, EKNE

American Library Association. Books for Children, 1965-1966. Chicago: the Association, 1966. Paper, $2.

ES Annual compilation lists 770 new titles selected and recommended for purchase in the Children's Books section of The Booklist and Subscription Books Bulletin from September 1, 1965 to August 1966. AASL, EKNE

American Library Association. We Read: Selected Lists of Children's Books and Recordings. Washington, D.C.: U.S. Office of Economic Opportunity, 1966. Free.

E An annotated list of books and recordings. AASL, EKNE

Arbuthnot, May Hill, compiler. Children's Books Too Good To Miss. Fifth edition. Cleveland, Ohio: Western Reserve, 1966. 67 pp. Illus. Cloth, $3.25; paper, $1.50.

E Helpful list for teachers and parents. AASL, EKNE

Colby, Jean Poindexter. Writing, Illustrating, and Editing Children's Books. New York: Hastings, 1967. 318 pp. Illus. $6.95.

ES Informal style and nontechnical language. Of interest to anyone concerned with children's books; invaluable to those entering the children's book field. ACEI

Crosby, Muriel. Reading Ladders in Human Relations. Fourth edition. Washington, D.C.: American Council on Education, 1963. 242 pp. Cloth, $4; paper, $2.50.

ES Annotated bibliographies arranged by age and interest level. AASL, EKNE, PR & R

Eakin, Mary K. Good Books for Children. Third edition. Chicago: University of Chicago (Phoenix Books), 1966. 407 pp. Cloth, $7.95; paper, $2.95.

ES Alphabetical listing, by author, of books favorably reviewed in Bulletin of the Center for Children's Books, 1950-65, approximately 100 for each year, half fiction, half nonfiction, most for grades 4-9. Annotations, subject, and title index helpfully detailed. AASL, ACEI

*Haviland, Virginia. Children's Literature: A Guide to Reference Sources. Washington, D.C.: G.P.O., 1966. 341 pp. $2.50.

E Annotated bibliography of books, articles, and pamphlets useful to adults concerned with children's books. Headings include "History and Criticism," "Authorship," "Illustration," "Bibliography," "Books and Children," and "International Studies." ACEI, AASL, NCTE

Hollowell, Lillian. A Book of Children's Literature. Third edition. New York: Holt, 1966. 580 pp. $8.95.

E Well-balanced collection of fiction, folk tales, poetry, and biography. Includes comments and questions, bibliographies, pronunciation guides, and biographical sketches. ACEI

*Larrick, Nancy. A Teacher's Guide to Children's Books. Columbus, Ohio: Merrill, 1960. 316 pp. Cloth, $5.95; paper, $2.95.

E Specific suggestions for matching the right book to the right child at the right time. Readable and practical. Includes an annotated list of over 400 titles and a comprehensive index. EKNE, IRA

The Lively Art of Picture Books. Film. 57 min, color, $495. Weston Woods Studios, Weston, Conn., 1964.

E Commissioned by CSD/ALA as a guide to selection of picture books. Interviews with three Caldecott Medal Winners (Barbara Cooney, Robert McCloskey, and Maurice Sendak); includes work of 36 other distinguished artists. AASL

Perkins, Ralph. Book Selection Media. Champaign, Ill.: National Council of Teachers of English, 1966. 188 pp. $2.

ES Guide to 175 aids for selecting library materials described under uniform headings: author-publisher, date, purpose, scope, subject headings, similar tools, special features, evaluation, and cost. ACEI, NCTE

Robinson, Evelyn R., editor. Readings About Children's Literature. New York: McKay, 1966. 431 pp. Cloth, $6; paper, $3.95.

ES Collection of articles about children as readers, about book selection, and about books themselves. Grouped into standard categories. ACEI, EKNE

Rufsvold, Margaret, and Guss, Carolyn. Guides to Newer Educational Media: Films, Filmstrips, Phonorecords, Radio, Slides, and Television. Second edition. Chicago: American Library Association, 1967. $1.50.

ES Handbook describing available catalogs, lists, services, professional organizations, journals, and periodicals which regularly provide information on newer educational media. AASL

Sayers, Frances Clarke. Summoned by Books. New York: Viking, 1965. 173 pp. $4.

E Fifteen favorite essays and speeches brought together by one of Mrs. Sayers' students; includes the famous "Lose Not the Nightingale" along with others equally deserving of fame. AASL

Smith, James Steel. A Critical Approach to Children's Literature. New York: McGraw-Hill, 1967. 442 pp. $7.50.

E Primarily a literary approach to children's literature, but deals realistically and circumspectly with issues and problems of using literature in classrooms. ACEI

Spache, George D. Good Reading for Poor Readers. Revised edition. New York: Garrard, 1964. 186 pp. Paper, $3.

ES Advice from an authority on reading, covering such subjects as choosing books for children, using them to help solve reading problems, and estimating readability. Lists of adapted and simplified materials, textbooks, workbooks, magazines, and newspapers, series and trade books for use with poor readers. EKNE

Townsend, John Rowe. Written for Children. New York: Lothrop, 1967. 160 pp. $4.50.

E A lively outline of English children's literature and a concise guide to British sources; detailed bibliography. AASL

Untermeyer, Bryna, and Untermeyer, Louis, editors. The Golden Treasury of Children's Literature. New York: Golden Press, 1966. 544 pp. Illus. $4.95.

E Choicest selections from the ten-volume series assembled by these editors. Almost entirely fantasy, both traditional and modern. ACEI

U.S. Library of Congress. Children's Books 1967. Compiled by Virginia Haviland and Lois Watt. Washington, D.C.: G.P.O., 1968. 16 pp. 15 cents.

ES Issued annually since 1964. Each year approximately 200 books are annotated for preschool through junior high school. AASL

070 JOURNALISM

Hohenberg, John. The Professional Journalist: A Guide to Modern Reporting Practice. New York: Holt, 1960. 423 pp. $7.50.

S A comprehensive manual for the student, teacher of journalism, and beginning newspaper reporter written by a professor of journalism who has also been a reporter, editor, and foreign correspondent. AEJ

Schoenfeld, Clarence A. Effective Feature Writing: How To Write Articles That Sell. New York: Harper, 1960. 429 pp. $6.95; text edition, $5.

S Intended as a text for journalism students. Provides a guide to developing and marketing the informative article. Seeks to relate the findings of communications research to the problems of the free-lance writer. AEJ

300 SOCIAL SCIENCES

American Council of Learned Societies and National Council for the Social Studies, cosponsors. The Social Studies and the Social Sciences. New York: Harcourt, 1962. 303 pp. $3.25.

ES Includes essays by noted scholars in each social science discipline. Suggests expected outcomes of the social studies in grades K-12. Includes an Afterword on Revising the Social Studies. NCSS

Berelson, Bernard, and Steiner, Gary A. Human Behavior: An Inventory of Scientific Findings. New York: Harcourt, 1964. 712 pp. $11; college edition, $8.95.

S An inventory of scientific findings about social and psychological relationships. NCSS

Berg, Harry D., editor. Evaluation in Social Studies. Thirty-Fifth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1965. 250 pp. Cloth, $5; paper, $4.

ES Presents a practical approach to the improvement of the entire evaluative process. Includes sections on objective and essay test items, critical thinking, skills, and noncognitive objectives of the social studies. NCSS

Calhoun, Don, and others. An Introduction to Social Science. Third edition. Philadelphia: Lippincott, 1961. 372 pp. Illus. $8.25.

ES A collection of articles edited under the major headings: Personality, Work, and Community. An attempt to present an integrated approach to the social sciences. NCSS

*Carpenter, Helen McCracken, editor. Skill Development in Social Studies. Thirty-Third Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1963. 343 pp. Cloth, $5; paper, $4.

ES Suggests specific ways in which the development of skills can be made more effective. Treats the recognized areas of skill development. Offers guidelines and makes suggestions on grade placement. NCSS

*Clements, H. Millard; Fielder, William R.; and Tabachnich, B. Robert. Social Study: Inquiry in Elementary Classrooms. Indianapolis: Bobbs-Merrill, 1966. 402 pp. $6.50.

E Based on the inquiry technique. Gives both theory and practical illustration for the elementary social studies teacher. Also includes a series of readings by other authors on topics of relevance to the student preparing to teach. EKNE, NCSS

Fenton, Edwin. The New Social Studies. New York: Holt, 1967. 144 pp. $3.95.

ES Describes the rationale behind the curriculum reform movement and analyzes separately the curriculum objectives, the new teaching strategies, the preparation of materials to meet fresh needs, the distribution of pupils, and the education of teachers. NCSS

*Fenton, Edwin. Teaching the New Social Studies in Secondary Schools: An Inductive Approach. New York: Holt, 1966. 526 pp. $7.95.

S Shows why, what, and how to teach inductively. For the new as well as experienced teacher, administrator, and curriculum director. NCSS

Fraser, Dorothy McClure, and West, Edith. Social Studies in Secondary Schools. New York: Ronald, 1961. 476 pp. Paper, $6.50.

S Designed as a textbook for courses in curriculum and methods of teaching secondary school social studies. Organization based on the needs of prospective and beginning teachers. Relates basic principles to new, specific classroom applications. NCSS

Gavian, Ruth Wood, editor. The Social Education of the Academically Talented. Curriculum Series No. 10. Washington, D.C.: National Council for the Social Studies, NEA, 1958. 101 pp. Paper, $2.

ES Identifies issues and principles in the education of the gifted and presents programs at the primary, middle-grade, junior, and senior high school levels. NCSS

Gibson, John S. New Frontiers in the Social Studies. 2 Vols. Englewood Cliffs, N.J.: Citation Press, 1966. Vol. I, Goals for Students, Means for Teachers. 256 pp. Paper, $1.35. Vol. II, Action and Analysis. 288 pp. Paper, $1.35.

ES Vol. I: Reviews social studies research and development and curriculum revision projects being undertaken by school systems, state departments, universities, and research agencies. Vol. II: Selected recent articles and reports describing concepts, innovative techniques, and new instructional materials being introduced into the curricula. NCSS

Gross, Richard E., and Zeleny, Leslie D., coeditors. Educating Citizens for Democracy. New York: Oxford University, 1958. 591 pp. Paper, $6.

S Contains a chapter on each of the major social studies subjects taught in the high school. Discusses approaches to teaching, evaluation, and classroom techniques. NCSS

Hanna, Paul R., and others. Geography in the Teaching of Social Studies: Concepts and Skills. Boston: Houghton Mifflin, 1966. 511 pp. $4.50.

ES Presents the theoretical basis for geography in a coordinated social studies program. Gives geographic concepts and skills which can be used in teaching about the expanding communities of men and basic human activities. NCSS

Hoselitz, Bert F., editor. A Reader's Guide to the Social Studies. New York: Free Press, 1959. 256 pp. Paper, $2.95.

S A general introduction to the literature of the social sciences. Acquaints students, librarians, and others with what is available in books, journals, etc., for use in research and teaching. NCSS

Hunnicutt, C. W., editor. Social Studies for the Middle Grades: Answering Teacher's Questions. Curriculum Series No. 5. Washington, D.C.: National Council for the Social Studies, NEA, 1960. 122 pp. Paper, $2.25.

E Provides teachers with information on almost every aspect of the tasks which confront them daily in attempting to organize and present social studies materials effectively. NCSS

Hunt, Erling M., and others. High School Social Studies Perspectives. Boston: Houghton Mifflin, 1962. 344 pp. Paper, $3.75.

S Explains how to present social studies curriculum, and suggests objectives toward which the curriculum should now move. Organized by disciplines; translates theory into concepts to be reflected in everyday classroom teaching. NCSS

Hunt, Maurice P., and Metcalf, Lawrence E. Teaching High School Social Studies. New York: Harper, 1955. 471 pp. Cloth, $6.50; paper, $4.50.

S Suggests that the reflective method and key controversial problems should be the center of the social studies curriculum. NCSS

*Kenworthy, Leonard S. Guide to Social Studies Teaching. Belmont, Calif.: Wadsworth, 1962. 393 pp. $5.95.

ES Endeavors to satisfy a desire often expressed by prospective teachers as well as experienced teachers for more practical material on social studies methods. NCSS

Kluckhohn, Clyde. Mirror for Man: The Relation of Anthropology to Modern Life. New York: McGraw-Hill, 1949. 313 pp. Cloth, $5; paper, $1.95.

ES A basic statement on the contribution of anthropology to understanding the nature of culture and modern problems. Written for the layman. Describes in nontechnical fashion the various ramifications of anthropology. AAA, NCSS

Krug, Mark M. History and the Social Sciences. Waltham, Mass.: Blaisdell, 1967. 292 pp. $6.50.
ES Presents a new rationale for the social studies that allows innovations and experimentation without undermining the integrity of history, geography, and the social science disciplines. Introduces specific proposals for new ways to make the teaching of social studies more effective. NCSS

Lesmer, Laurence E., and Guyton, Percy L. Suggestions for a Basic Economic Library for Secondary Schools. Washington, D.C.: Joint Council on Economic Education, 1964. 56 pp. 75 cents. (Mimeo.)
S Discusses the acquisition of the best library of economic materials for the least cost. Good annotations on suggested materials. NCSS

McLendon, Jonathon. Readings on Social Studies in Secondary Education. New York: Macmillan, 1966. 414 pp. Paper, $4.50.
S Chapter titles include "The Contemporary Social World," "American Adolescents and Their Society," "Objectives of Social Studies," "Society, Social Scientists, Teachers, and Social Studies," "History: Recapturing the Past," "Geography: People and Their Environment." NCSS

McLendon, Jonathon. Social Studies in Secondary Education. New York: Macmillan, 1965. 556 pp. Illus. $7.50.
S Attempts new approaches and seeks to identify and suggest new emphasis in secondary school social studies. Contains special sections on "Utilizing Instructional Materials" and "Professional Development in and of the Social Studies." NCSS

McPhie, Walter E. Dissertations in Social Studies Education: A Comprehensive Guide. Research Bulletin No. 2. Washington, D.C.: National Council for the Social Studies, NEA, 1964. 110 pp. $2.50.
ES A comprehensive list of completed doctoral dissertations in social studies education covering the period 1934-62. Annotated and grouped into 26 categories by topic and grade level. NCSS

Massialas, Byron G., and Kazamias, A. M., editors. Crucial Issues in the Teaching of Social Studies: A Book of Readings. Englewood, N. J.: Prentice-Hall, 1964. 278 pp. Paper, $3.95.
ES Views of scholars in education, history, and the social sciences; 38 essays that emphasize nine crucial areas of social studies education. How social studies should be taught at the elementary and secondary

levels and the bases upon which curricula, textbooks, instruments of evaluation, and the techniques of teaching should be assessed and examined. NCSS

Massialas, Byron G., and Smith, Fred. New Challenges in the Social Studies: Implications of Research for Teaching. Belmont, Calif.: Wadsworth, 1965. 261 pp. $3.95.

ES Summaries of advanced thinking in each of the aspects of social studies. Research findings are translated into specific suggestions for improving future practice. NCSS

Mehlinger, Howard D. The Study of Totalitarianism: An Inductive Approach. Bulletin No. 37. Washington, D.C.: National Council for the Social Studies, NEA, 1965. 119 pp. $2.

S A practical teacher's guide developed around nine generalizations pertaining to the essential features of totalitarianism. Outlines for lesson plans included. NCSS

Michaelis, John U. Social Studies for Children in a Democracy. Fourth edition. Englewood Cliffs, N.J.: Prentice-Hall, 1968. 620 pp. $8.95.

ES Reports the significant changes in social studies programs during the past five years. Presents new teaching strategies, new objectives of instruction, and new patterns of curriculum organization. Advocates the grounding of social studies in history and social sciences. NCSS

Michaelis, John U., and Johnston, A. M., editors. The Social Sciences: Foundations of the Social Studies. Boston: Allyn & Bacon, 1965. Paper, $5.30; text edition, $3.95.

ES Essays on the nature of the social sciences: history, geography, political science, economics, anthropology, sociology, psychology, and philosophy. A review of new projects and materials which show how social studies are based on the social sciences. NCSS

Miel, Alice, and Brogan, Peggy. More Than Social Studies: A View of Social Learning in the Elementary School. Englewood Cliffs, N.J.: Prentice-Hall, 1957. 452 pp. $9.65; text edition, $7.25.

ES Suggestions for classroom activities of a general nature which would contribute to social studies learning. NCSS

Moreland, Willis D., editor. Social Studies in the Senior High School: Programs for Grades Ten, Eleven, and Twelve. Revised edition. Curriculum Series No. 7. Washington, D.C.: National Council for the Social Studies, NEA, 1965. 122 pp. $2.25.

S Describes practices in a number of school systems. Identifies major problems at high school level and offers suggestions, including methods of approach, for social studies curriculum at this level. NCSS

Muessig, Raymond H., editor. Social Studies Curriculum Improvement: A Guide for Local Committees. Bulletin No. 36. Washington, D.C.: National Council for the Social Studies, NEA, 1965. 117 pp. $2.

ES Identifies fundamental elements in curriculum development and outlines step-by-step procedures for arriving at an improved pattern. Discusses roles of principal, supervisor, consultant, and the National Council for the Social Studies in bringing about change. NCSS

Oliver, Donald W., and Shaver, James P. Teaching Public Issues in the High School. Boston: Houghton Mifflin, 1966. 330 pp. $4.50.

S Covers a particular approach to curriculum making from the theoretical basis through objectives and curriculum implications. A new, important contribution to the field. NCSS

Patterson, Franklin, editor. Citizenship and a Free Society: Education for the Future. Thirtieth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1960. 292 pp. Cloth, $5; paper, $4.

ES Examines the future of citizenship in the decades 1960-80. Outlines specifically the procedures and practices which will bring into being by 1980 vastly improved programs designed to prepare children and youth for the responsibilities of citizenship. NCSS

Preston, Ralph C.; Schneyer, J. Wesley; and Thyng, Franc J. Guiding the Social Studies Reading of High School Students. Bulletin No. 34. Washington, D.C.: National Council for the Social Studies, NEA, 1963. 90 pp. $1.50.

S Focuses upon the need for reading guidance. Identifies specific tasks for the social studies teacher relating to improving reading habits. Provides concrete suggestions as to how the teacher can meet such responsibilities. NCSS

Price, Roy A., editor. New Viewpoints in the Social Sciences. Twenty-Eighth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1958. 251 pp. Cloth, $5; paper, $4.

ES Contains chapters on each social science discipline, indicating developments in social science research, and points the way to integration of such research into the process of social studies education. NCSS

Robinson, Marshall A.; Morton, Herbert C.; and Calderwood, James D. An Introduction to Economic Reasoning. Third edition. Washington, D.C.: Brookings, 1962. Garden City, N.J.: Doubleday (Anchor), 1962. 298 pp. Paper, $1.25.

S A basic book in economics, originally intended for laymen. Discusses economic concepts. NCSS

Selakovich, Daniel. Problems in Secondary Social Studies. Englewood Cliffs, N.J.: Prentice-Hall, 1965. 292 pp. $3.95.

S The problems approach applied to the specific issues that might be covered in a problems of democracy course. Emphasis on method rather than content. NCSS

Shaftel, Fannie R., and Shaftel, George. Role-Playing for Social Values: Decision-Making in the Social Studies. Englewood Cliffs, N.J.: Prentice-Hall, 1967. 416 pp. $5.75.

ES Exploration of group behavior and the dilemmas of the individual child. Utilizes role-playing in the child's attempts to establish group identification. NCSS

Sowards, G. Wesley, editor. The Social Studies Curriculum Proposals for the Future. Chicago: Scott, Foresman, 1963. 136 pp. Illus. Paper, $2.

ES Contains five outstanding papers presented at the 1963 Cubberley Conference at Stanford University. The status and future movement of each of the social sciences, the role of social sciences in the social studies, and the forward edges of curriculum development in elementary and secondary schools in the twentieth century presented in a clear, readable, intellectually provocative style. NCSS

Tiegs, Ernest W., and Adams, Fay. Teaching the Social Studies. Boston: Ginn, 1959. 562 pp. Illus. $6.

ES Based on the premise that guiding children to better citizenship in a democracy is a major responsibility of social studies teachers. Presents a balance between theory and practice in social studies teaching. NCSS

Tooze, Ruth, and Krone, Beatrice Perham. Literature and Music as Resources for Social Studies. Englewood Cliffs, N.J.: Prentice-Hall, 1955. 457 pp. $10.60; text edition, $7.95.

ES Considers literature and music as enrichment materials in the social studies. Contains references to U.S. and foreign material. Descriptive and practical. NCSS

Wesley, Edgar B., and Wronski, Stanley P. Teaching Social Studies in High Schools. Fifth edition. Boston: Heath, 1964. 628 pp. $7.40.

S Presents a number of specific suggestions for effective instruction in high school social studies classrooms, including an analysis of a social studies unit. NCSS

320 POLITICAL SCIENCE

Bailey, Stephen K. Congress Makes a Law. New York: Columbia University, 1950. $6.

ES A case study of the passage of the Full Employment Act of 1946. Illustrates the nature of the legislative policy making process in the American national government. APSA

Dahl, Robert A. Who Governs? Democracy and Power in an American City. New Haven, Conn.: Yale University, 1961. 355 pp. Cloth, $7.50; paper, $2.45.

S An examination of the nature of community power in New Haven, Connecticut. Illustrates the intricacies of the policy making process in a middle-sized American city. APSA

Lasswell, Harold. Politics: Who Gets What, When and How. New York: Meridian, 1958. 222 pp. Paper, $1.45.

ES A good introduction to the realities of politics. APSA

Lewis, Anthony. Gideon's Trumpet. New York: Random House, 1964. 262 pp. $4.95; paper, $1.95.

S A case study of the precedent-setting case of Gideon vs. Wainwright, in which the Supreme Court ruled that indigents accused of a crime have a right to counsel even in a noncapital case. APSA

*Neustadt, Richard. Presidential Power. New York: Wiley, 1960. $6.95.

S A practical, yet theoretical, approach to the study of the American presidency. APSA

Polsby, Nelson W. Congress and the Presidency. Englewood Cliffs, N.J.: Prentice Hall, 1964. 120 pp. Cloth, $3.95; paper, $1.95.

S A brief overview of executive-legislative relations in the American national government. APSA

Ranney, Austin, editor. Essays on the Behavioral Study of Politics. Urbana: University of Illinois, 1962. 251 pp. $5.

S A good and somewhat simplified introduction to some of the latest research in approaches to the study of politics. APSA

*Riddle, *Donald H., and Cleary, Robert E., editors.* Political Science in the Social Studies. Thirty-Sixth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1966. 346 pp. Cloth, $5; paper, $4.

S A survey of recent scholarship in political science, as well as a source of background, theory, approaches, and bibliography for the teacher of government and politics. APSA

Sorauf, Frank J. Political Science: An Informal Overview. Columbus, Ohio: Merrill, 1965. 115 pp. Cloth, $3.95; paper, $1.75.

S An excellent brief introduction to political science, written in clear, straightforward language. Includes a chapter on methods for teachers by Raymond H. Muessig and Vincent R. Rogers. APSA

341.13 UNITED NATIONS

*Kenworthy, Leonard L. Telling the UN Story. Paris: UNESCO, 1963. 165 pp. $2.

ES Provides a wide range of practical classroom teaching suggestions for teaching about the United Nations from the elementary through the secondary school levels, as well as out-of-school programs for young people, adults, or the community as a whole. UNESCO

Kvaraceus, William C. Juvenile Delinquency. Paris: UNESCO, 1965. 72 pp. 95 cents.
S Prepared as part of the UNESCO program of studies on problems of social inadaption among young people. Examines and explains the unusual and aggressive behavior displayed by some of today's youth. UNESCO

*UNESCO. Know UNESCO. Resource and Action Booklet for UNESCO Program Planning. Washington, D.C.: U.S. National Commission for UNESCO, 1965. 55 pp. Free. (Available from U.S. National Commission for UNESCO, Department of State, Washington, D.C. 20520.)
ES Designed to assist schools and organizations in planning programs on UNESCO. Includes listing of available resources. UNESCO

370 EDUCATION

Abraham, Willard. Time for Teaching. New York: Harper, 1964. 462 pp. $6.50.
ES A different introduction to teaching that describes the teacher's challenge in today's world. EKNE

Alpren, Morton, editor. The Subject Curriculum: Grades K-12. Columbus, Ohio: Merrill, 1967. 561 pp. $7.95.
ES A coordinated discussion of contemporary curriculum developments by 15 authors, each expert in an instructional area. NASSP

American Association of School Administrators, NEA. Imperatives in Education. Washington, D.C.: the Association, 1966. 180 pp. $6.
Identifies points at which the educational program must be revised
ES and reshaped to meet the needs of the times. AASA

American Association of School Administrators, NEA. School Racial Policy. Washington, D.C., the Association, 1966. 44 pp. $2.
ES Describes ways and means by which integration in the schools can be most effectively achieved. AASA

American Educational Research Association. Handbook of Research on Teaching. Chicago: Rand McNally, 1963. 1,218 pp. $15.
S Intended as an aid in the training of workers in research on teaching. EKNE

Archambault, Reginald D., editor. Dewey on Education: Appraisals with an Introduction. New York: Random House, 1966. 235 pp. Paper, $1.95.
ES Contains 29 selections—complete essays or chapters from Dewey's major works. PES

Association for Supervision and Curriculum Development, NEA. Individualizing Instruction. 1964 Yearbook. Washington, D.C.: the Association, 1964. 337 pp. $4.
ES Focuses on the primary dimension of education—the person-to-person relationship between teacher and learners. EKNE

Baade, Hans W., editor. Academic Freedom: The Scholar's Place in Modern Society. Dobbs Ferry, N.Y.: Oceana, 1964. 241 pp. $5.50.
ES A probing analysis of many facets of academic freedom of central significance to the education process. Articles by Fuchs, Emerson, Haber, Joughin, and Dodds. PR&R

Best, John W. Research in Education. Englewood Cliffs, N.J.: Prentice-Hall, 1959. 320 pp. $5.75.
ES Prepared for educational workers who are interested in professional problem solving or research in the field of education. EKNE

Broderick, Francis L., and Meier, August, editors. Negro Protest Thought in the Twentieth Century. Indianapolis, Ind.: Bobbs-Merrill, 1965. 444 pp. Cloth, $7.50; paper, $3.45.
ES Emphasizes the programs and platforms of the organizations that have spoken for the Negro. PR&R

Broudy, Harry S. Paradox and Promise: Essays on American Life and Education. Englewood Cliffs, N.J.: Prentice-Hall, 1961. 176 pp. Paper, $1.95.
ES A look at both the dangers and possibilities latent in the problems of old age, automation, leisure, education, individuality, and freedom. PES

Brubacker, John S. Modern Philosophies of Education. Third edition. New York: McGraw-Hill, 1962. 373 pp. $7.50.
ES Remains the most useful comparative study of different philosophic approaches to educational problems. NSSE

Brumbaugh, Robert S., and Lawrence, N. M. Philosophers on Education: Six Essays on the Foundations of Western Thought. Boston: Houghton Mifflin, 1963. 211 pp. Paper, $2.50.
ES Interprets the views of Plato, Aristotle, Rousseau, Kant, Dewey, and Whitehead and concludes with a discussion of future philosophies. PES

Bruner, Jerome S. The Process of Education. Cambridge, Mass. Harvard University, 1960. 92 pp. $2.75.
ES Concentrates on the themes of structure, readiness, intuition, and interest and conjectures on how to aid the teacher in the task of instruction. DHE

Burnet, Mary. ABC of Literacy. Paris: UNESCO, 1965. 64 pp. 30 cents.

ES Discusses the problem of illiteracy and the efforts being made to deal with it. UNESCO

Burton, William H.; Kimball, Roland B.; and Wing, Richard L. Education for Effective Thinking. New York: Appleton, 1960. 508 pp. $6.
ES The teaching and learning process. Special attention directed to mathematics, science, literature, the social studies, and to the subproblems involved in each. DHE

Campbell, Roald F.; Corbally, John E.; and Ramseyer, John A. Introduction to Educational Administration. Third edition. Boston: Allyn & Bacon, 1966. 474 pp. $8.25.
ES Gives teachers a penetrating insight into the role of administrative personnel in the schools. AASA

Coleman, James S., and others. Equality of Educational Opportunity. Washington, D.C.: U.S. Office of Education, 1966. 737 pp. $4.50. Summary, 35 cents.
ES Based on a survey of more than 500,000 students and 60,000 teachers in 4,000 schools. Documents the extent and effects of racial segregation. Systematically explores the effect different school characteristics have on what students learn. PR&R

*Combs, Arthur W., editor. Perceiving, Behaving, Becoming. Washington, D.C.: Association for Supervision and Curriculum Development, NEA, 1962. 256 pp. $4.50.
ES A refreshing, scholarly focus on the personal aspects of education, with consideration of a new force in psychology. ASCD, EKNE, Saf

Conant, James B. The Education of American Teachers. New York: McGraw-Hill, 1963. 275 pp. Cloth, $5; paper, $2.95.
ES The result of a two-year study of teacher certification policies and teacher training programs at various institutions throughout the country. Raises questions on who is responsible for the education of teachers, who ought to be responsible, and how institutions preparing teachers should conduct their programs. Analyzes the role of professors of education and recommends the creation of a new position, "the clinical professor." NSCTE

Flavell, John H. The Developmental Psychology of Jean Piaget. Princeton, N.J.: Van Nostrand, 1963. 472 pp. $8.75.
ES A well-presented study of the major contributions of a creative scholar. NSSE

Fleming, Robert, and others. Curriculum for Today's Boys and Girls. Columbus, Ohio: Merrill, 1963. 662 pp. $10; college edition, $7.50.
ES Provides insights into the goals of curriculum planning. EKNE

Foshay, Arthur, editor. Handbook of Education. Chicago: Rand McNally, 1960. $5.

ES Contains principal facts about education in the United States and some information about education in other countries. EKNE

Frazer, Charles Rivers, Sr. White Man—Black Man: A Plea For Racial Harmony. New York: Exposition, 1965. 69 pp. $3.

ES Emphasizes the brotherhood of all men. PR&R

Frye, Northrop, editor. Design for Learning. Toronto: University of Toronto, 1962. 148 pp. $3.95.

ES Outlines spiral curriculum for elementary school through grade 13. Also discusses science and social science. NCTE

Goodlad, John I., editor. The Changing American School. Sixty-Fifth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago, 1966. 319 pp. $5.

ES Describes and analyzes illustrative proposals for change which have found support during the last decade; appraises developments and possibilities. AASA, EKNE, NSSE

Goodman, Paul. Growing Up Absurd: Problems of Youth in the Organized System. New York: Random House, 1960. 296 pp. Cloth, $4.95; paper, $1.45.

ES Impassioned assault on America's sensational, phony culture. Concentration on the difficulties of the young who receive, in the author's opinion, an education that does not fit them for a society that offers little honest work. NIP

Green, Constance McLaughlin. The Secret City: A History of Race Relations in the Nation's Capital. Princeton, N.J.: Princeton University, 1967. 389 pp. Illus. $8.50.

ES An analysis of the interplay between the races. PR&R

Hack, Walter G., and others. Educational Administration: Selected Readings. Boston: Allyn & Bacon, 1965. 386 pp. Cloth, $6.60; text edition, paper, $4.95.

ES Intended for use as a supplement to textbooks, as a ready supply of pertinent readings in seven areas of concern in educational administration, and as starting points for thinking rather than as capstones or summaries of major works. AASA

Halpin, Andrew W. Theory and Research in Administration. New York: Macmillan, 1966. 352 pp. $6.95.

ES An analysis of theory and how it should be applied. Also includes an insightful discussion on the pertinence of these ideas for the training of research workers. AASA

Hammond, Sarah Lou, and others. Good Schools for Young Children. New York: Macmillan, 1963. 397 pp. $6.50.

E Focuses on the child, his world, and the forces which influence him, as well as the basic principles on which decisions are made regarding the instruction of young children. EKNE

Henry, Nelson B., editor. Modern Philosophies and Education. Fifty-Fourth Yearbook of the National Society for the Study of Education, Part I. Chicago: University of Chicago, 1955. 374 pp. Cloth, $4.50; paper, $3.75.

ES Fundamental issues in educational aims and procedures as interpreted by educational philosophers, on the one hand, and general philosophers who have a particular interest in the progress of education, on the other hand. NSSE

Hilgard, Ernest, editor. Theories of Learning and Instruction. Sixty-Third Yearbook of the National Society for the Study of Education, Part I. Chicago: University of Chicago, 1964. 430 pp. $5.50.

ES Twenty years of learning theory and a perspective on the relationship between learning theory and educational practices. NSSE

Hodenfield, G. K., and Stinnett, T. M. The Education of Teachers: Conflict and Consensus. Englewood Cliffs, N.J.: Prentice-Hall, 1961. 177 pp. Paper, $1.95.

ES A summary report, in narrative form, of three national conferences at which scholars from the liberal arts and professors of education attempted to reduce existing conflicts, establish common objectives, and clarify responsibilities related to the preparation of American teachers. Identifies many of the problems confronting the professor of education and places them in a broad context. NSCTE

Hook, Sidney. Education for Modern Man: A New Perspective. New York: Knopf, 1963. 235 pp. $5; text edition, $3.50.

ES A proposal for the successful integration of the social and historical disciplines as well as those of the scientific and humanistic traditions. PES

Hutchins, Robert M. The University of Utopia. Chicago: University of Chicago, 1953. 103 pp. Paper, $1.50.

S Discusses the hazards of higher education, especially those associated with industrialization, specialization, philosophical diversity, social and political conformity. PES

Kneller, George F. Introduction to the Philosophy of Education. New York: Wiley, 1964. 137 pp. Paper, $1.95.

ES A survey of the philosophy of education—both the traditional philosophies and the new modes of thinking—and a look at contemporary educational theories. PES

Koerner, James D. The Miseducation of American Teachers. Boston: Houghton Mifflin, 1963. 360 pp. Cloth, $4.95; paper, $2.95.

ES A severe indictment of the quality of professional education, the institutions involved, their programs of teacher education, and the faculties held responsible. Based on a study of 63 colleges and universities throughout the country. NSCTE

Lange, Phil C., editor. Programed Instruction. Sixty-Sixth Yearbook of the National Society for the Study of Education, Part II. Chicago: University of Chicago, 1967. 334 pp. Cloth, $5.

ES Discussion of principles and theories of artistic, scientific, and innovative strategies that will bring about improvement in the learning behavior of students. NSSE

Lieberman, Myron. Education as a Profession. Englewood Cliffs, N.J.: Prentice-Hall, 1956. 540 pp. $11; text edition, $8.25.

ES A comprehensive analysis of the many aspects of a profession and the degree to which education can be so categorized. The role and responsibilities of professors of education in professional function, autonomy, accreditation and certification, teacher education, and education associations. NSCTE

McGeoch, Dorothy M. Learning To Teach in Urban Schools. New York: Teacher's College Press, 1965. 140 pp. Cloth, $3.75; paper, $1.95.

ES Presents a picture of teaching in depressed urban areas through first-person narratives of four first-year teachers. Includes many practical suggestions on procedures and problems. NIP

Maritain, Jacques. Education at the Crossroads. New Haven, Conn.: Yale University, 1960. 120 pp. Paper, $1.25.

ES Devoted to discovering how education can develop men with "deep-rooted independence with regard to common opinion," and to showing what is wrong with a system of education that has been more concerned with the techniques than the goals, with aptitude rather than the whole human being. PES

Marshall, Sybil. An Experiment in Education. New York: Cambridge University, 1963. 258 pp. $4.75.

E Part teacher's handbook, part autobiography. Relates art education to all education, especially the teaching of reading. "Symphonic method" presents art as natural activity important to the whole process of seeing, understanding, expressing. Includes examples of children's artwork. NCTE

Massialas, Byron G., and Zevin, Jack. Creative Encounters in the Classroom. New York: Wiley, 1967. 274 pp. Cloth, $5.95; paper, $3.50.

ES Illustrates the discovery approach in the classroom as formulated by one of the leaders in this field. NCSS

Miel, Alice. The Shortchanged Children of Suburbia. New York: Human Relations Press, 1967. 68 pp. 75 cents.

E Tells what schools don't teach about human differences and what can be done about it. EKNE, PR&R

*More Different Than Alike. Film. 38 min., sound, color, $125; rental, $5 handling charge. National Commission on Teacher Education and Professional Standards, NEA, 1967.

ES Funded under Title III of the Elementary and Secondary Education Act of 1965. Depicts innovations in five schools that are both demonstration centers for the TEPS Year of the Non-Conference and USOE Title III operational projects. NCTEPS

*Morse, Horace T., and McCune, George H. Selected Items for the Testing of Study Skills and Critical Thinking. Revised edition. Bulletin No. 15. Washington, D.C.: National Council for the Social Studies, NEA, 1964. 91 pp. $1.50.

S A compendium of practical advice to those concerned with teaching and evaluating study skills and critical thinking. Includes a variety of objective test items to serve as models and for use in the classroom. NCSS

Nash, Paul; Kazamias, Andrea M.; and Perkinson, Henry. The Educated Man: Studies in the History of Educational Thought. New York: Wiley, 1965. 421 pp. $7.95.

ES A collection of essays by European and American scholars on the ideal of the educated man as expressed in writings of influential thinkers in the Western tradition: Plato, Aquinas, Huxley, Marx, and Skinner. PES

National Education Association. Implementing the Code of Ethics of the Education Profession and Strengthening Professional Rights. Washington, D.C., the Association, 1964. 62 pp. $1.

ES A discussion of procedures to be used in protecting rights and enforcing obligations of educators. Relates actions of local, state, and national organizations. PR&R

*National Education Association. Opinions of the Committee on Professional Ethics. Washington, D.C.: the Association, 1966. 115 pp. $1.

ES A volume of formal interpretations of the Code of Ethics of the Education Profession beginning with the first issued in 1952. PR&R

National Education Association, Commission on Professional Rights and Responsibilities. Wilcox County, Alabama—A Study of Social, Economic, and Educational Bankruptcy. Washington, D.C.: the Commission, June 1967. 114 pp. Free.

ES Incorporates the findings and conclusions of five separate studies on poverty, school finance, unfair dismissal procedures and poor personnel policies, inadequate instructional supervision and materials, and a changing political and social order. PR&R

National Education Association, National Commission on Teacher Education and Professional Standards. The Assignment and Misassignment of American Teachers: A Summary of the Complete Report. Washington, D.C.: the Commission, 1965. 36 pp. 25 cents.

ES An overview of the major findings. Contains guidelines for proper assignment and recommendations to reduce misassignment. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. Development of the Career Teacher: Professional Responsibility for Continuing Education. Report of the 1963-64 Regional TEPS Conferences. Washington, D.C.: the Commission, 1964. 110 pp. $2.

ES Major papers reflect a variety of individual views on in-service education. Reports of 110 study groups on problems, issues, and recommendations for action. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. Guidelines for Professional Standards Boards. Washington, D.C.: the Commission, 1967. 14 pp. Free.

ES A report dealing with the question of developing standards for the teaching profession. An analysis of the best thinking to date on the means of attaining professional rights with professional responsibility. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. The Real World of the Beginning Teacher. Report of the 1965 National TEPS Conference. Washington, D.C.: the Commission, 1966. 90 pp. $2.

ES Nine major papers by education professors, new and veteran teachers, a psychologist, and a sociologist. Explores the waste of talent from teacher dropout in the early career years, the causes of this dropout, and what might be done to prevent it by improving the lot of the beginning teacher. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. Remaking the World of the Career Teacher. Report of the 1965-66 Regional TEPS Conferences. Washington, D.C.: the Commission, 1966. 228 pp. Cloth, $4; paper, $3.

ES Selected proposals by conference participants dealing with such problems as lock-step in-service education requirements, lack of concern for beginners, lack of communication and cooperation between schools and colleges, and excessive noninstructional duties. NCTEPS

*National Education Association, National Commission on Teacher Education and Professional Standards. The Teacher and His Staff: Selected Demonstration Centers. Washington, D.C.: the Commission, 1967. $5.

ES Includes more than 200 schools selected as demonstration centers for the TEPS Year of the Non-Conference, with names and phone numbers of contact people. Innovative programs which emphasize new approaches to staff utilization, educational technology, and staff development programs. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. Who's in Charge Here? Fixing Responsibilities for Student Teaching. Washington, D.C.: the Commission, 1966. 16 pp. Single copies free.

ES A discussion paper giving the setting, basic assumptions, and procedural criteria of student teaching. Concludes with six recommendations for the improvement of the quality of the student-teaching experience. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards and Commission on Professional Rights and Responsibilities. Professional Practices Regulations: A Plan for Action. Washington, D.C.: the Association, 1965. 40 pp. 25 cents.

ES A statement of theory and practice in the endeavors of the profession to assume responsibility and accountability for the competent and ethical performance of its members. Includes guides for establishing practices regulations and commissions. NCTEPS

*National School Public Relations Association, NEA. The Shape of Education for 1967-68. Washington, D.C.: the Association, 1967. 64 pp. $2.

ES Fourteen specially prepared articles by the editors of EDUCATION U.S.A. Provides perspective to issues which will substantially affect what will happen in classrooms. NSPRA

National School Public Relations Association in cooperation with the Department of Classroom Teachers, NEA. A Changing Time: Handbook for Parents of Teen-Agers. Washington, D.C.: the Association, 1963. 40 pp. 75 cents.

S For parents of boys and girls who are ready to enter high school. The growth and changes of adolescence, plus the special problems affecting the teen-ager and his parents. How parents can help their youngsters set up workable rules for behavior at home, in the school, and in the community. NSPRA

*National School Public Relations Association in cooperation with the Department of Classroom Teachers, NEA. Conference Time for Teachers and Parents. Washington, D.C.: the Association, 1961. 36 pp. 75 cents.

ES Answers the basic question of why there is need for teachers and parents to confer and spells out what parents want to know and how to tell them. NSPRA

*National School Public Relations Association in cooperation with the Department of Classroom Teachers, NEA. Public Relations Ideas for Classroom Teachers. Washington, D.C.: the Association, 1964. 48 pp. 75 cents.

ES The basic philosophy of school public relations in easy-to-read and easy-to-understand style. Ideas, tips, and techniques for use by classroom teachers who want to be creative in their daily behavior and relationships with students, parents, colleagues, and the general community. NSPRA

National School Public Relations Association in cooperation with the National Association of Secondary School Principals, NEA. The College Experience Ahead. Washington, D.C.: the Association, 1966. 16 pp. Minimum order: 5 copies, $1.

S An address to college-bound high school seniors by John W. Gardner. NSPRA

National School Public Relations Association in cooperation with the National Congress of Parents and Teachers and the Department of Classroom Teachers, NEA. The First Big Step. Washington, D.C.: the Association, 1966. 36 pp. 60 cents.

E Spells out, in easy language and photographs, what parents can do to get their child ready for school. Intended for use by teachers in working with parents of three- to five-year-olds, as well as by the parents themselves. Especially useful as a parent guide in all programs which have been sparked by equal opportunity programs and Head Start projects. NSPRA

National School Public Relations Association in cooperation with National Congress of Parents and Teachers and the Department of Classroom Teachers, NEA. El Primer Paso Importante. Washington, D.C.: the Association, 1967. 36 pp. 60 cents.

E Spanish edition of The First Big Step. For use by Spanish-speaking parents, teachers, and other adults in programs to smooth the path for three- to five-year-olds into school. NSPRA

*National School Public Relations Association, NEA, in cooperation with the National Council for the Social Studies and Association of State Universities and Land-Grant Colleges. The Story of our Schools. Washington, D.C.: the Association, 1962. 31 pp. 65 cents. Classroom sets of 15 at $4.80 a set.

S A short history of public education in the U.S. designed for use in social studies courses at the junior-senior high school level. NSPRA

Neff, Frederick. Philosophy and American Education. New York: Center for Applied Research in Education, 1966. 116 pp. $3.95.

ES An examination of the leading ideas of representative figures in the five historic schools of philosophy known as Idealism, Realism, Pragmatism, Analysis, and Existentialism. PES

The Negro in American History. Filmstrip. 2 parts. Color, sound, record, $7. National Education Association, Washington, D.C., 1967.

ES Part 1, "Legacy of Honor." 110 frames, 24 min.
Part 2, "Suggestions for Teaching." 37 frames, 6 min.
Gives teachers, students, and community groups a new appreciation for and a better understanding of the contributions of American Negroes to our country and world. Discusses approaches to study and teaching about the Negro in American history and refers to some specific sources of help and materials. PR&R

*Noar, Gertrude. The Teacher and Integration. Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA, 1966. 97 pp. Cloth, $2.50; paper, $1.50.

ES Presents a specific, positive point of view with respect to race, race relations, and integration in education. Contains information that can aid teachers in coping successfully with the new situations and problems they confront in integrated schools. NCTEPS, NIP, PR&R

Pai, Young, and Myers, Joseph T., editors. Philosophic Problems and Education. Philadelphia: Lippincott, 1967. 467 pp. $3.95.

ES A comprehensive collection of materials dealing with some basic, distinctively philosophic questions and with possible implications of diverse answers to these questions for educational principles and policies. PES

Peters, R. S. Ethics and Education. Glenview, Ill.: Scott, Foresman, 1967. 333 pp. Paper, $2.10.

ES The philosophic approach to the analysis of values. Skillful use of the classical insights of Locke, Bentham, Mill, and Weber in discussion of such subjects as democratization of education, institutional organization, education and social control, professionalization, and the client-practitioner relationship in schools. PR&R

Petersen, Dorothy G. The Elementary School Teacher. New York: Appleton, 1964. 570 pp. $6.50.

E Focuses on the roles and responsibilities of the classroom teacher as the central feature of a quality educational program. EKNE

Phenix, Philip H. Philosophies of Education. New York: Wiley, 1961. 137 pp. Paper, $1.95.

ES A survey of contemporary theories and an introduction to the variety of viewpoints at work in contemporary American education. PES

Portrait of the Classroom Teacher. Filmstrip. 48 frames, 35mm, narration on 7-1/2 ips tape. $7. National Education Association, 1967.

ES Based on NEA Research Division Report, The American Public School Teacher, 1965-66. AASA

Price, Kingsely. Education and Philosophical Thought. Boston: Allyn & Bacon, 1962. 511 pp. $10.60; text edition, $7.95.

ES Writings on philosophies of education and educational theories from Plato through John Dewey. PES

Schaefer, Robert J. The School as a Center of Inquiry. New York: Harper, 1967. 77 pp. $3.95.

ES One of the annual lectures of the John Dewey Society. Examines carefully and literately a significant educational concept that is beginning to receive the attention it deserves. NASSP

Scheffler, Israel, editor. Philosophy and Education: Modern Readings. Boston: Allyn & Bacon, 1966. 387 pp. $10.60; text edition, $7.95.

ES Focuses attention on underlying conceptual problems which confront those who would understand what education is, how it is best discussed, and what sorts of reasoning are appropriate in educational contexts. PES

School Birds—Some Feathered Friends We Could Do Without. Filmstrip. 27 frames, 10 min., 35mm, color, tape narration, $12. National School Public Relations Association, NEA, 1967.

ES Shows some "rare birds" in the school system whose negative attitudes toward pupils, parents, colleagues, and members of the community handicap the school public relations program. NSPRA

School Building Filmstrip. 150 frames, 35 mm, b & w, $7. American Association of School Administrators, NEA, 1967.

ES Based on the 1967 AASA school building architectural exhibition. Discussion manual included. AASA

Scott, C. Winfield; Hill, Clyde M.; and Burns, Hobart W., editors. The Great Debate. Englewood Cliffs, N.J.: Prentice-Hall, 1959. 184 pp. Paper, $1.95.

ES A collection of criticisms of public education, drawn primarily from popular magazines. Section VII devoted to teacher education and the role and responsibilities of professors of education. NSCTE

Stevenson, Harold W., editor. Child Psychology. Sixty-Second Yearbook of the National Society for the Study of Education, Part I. Chicago: University of Chicago, 1963. 550 pp. $6.50.

ES Scholarly synthesis of the findings of recent research on child psychology that will provide all persons interested in the field with a better understanding of child behavior. NSSE

*Stinnett, T. M. A Manual on Certification Requirements for School Personnel in the United States. 1967 edition. Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA. In press. About $5.

ES Includes a comprehensive introduction editorializing on certification requirements for each state, information on how to get a teaching position here and abroad, and a list of 1,199 teacher education institutions and the programs for which they are approved. NCTEPS

Stinnett, T. M., and Huggett, Albert J. Professional Problems of Teachers. Second edition. New York: Macmillan, 1963. 516 pp. $6.

ES Concerned with the teacher as a professional. Covers personnel policies and working conditions, teacher rights and responsibilities, and the safeguarding of the profession. NCTEPS

Stratemeyer, Florence B., and Lindsey, Margaret. Working with Student Teachers. New York: Teachers College Press, 1958. 502 pp. $4.75.

ES Written for those persons who work with college students in their professional preparation for teaching. EKNE

*Taba, Hilda. Curriculum Development: Theory and Practice. New York: Harcourt, 1962. 526 pp. $8.50.

ES Provides an extended discussion of the basic components to be considered in development of a balanced and comprehensive curriculum. ASCD

*UNESCO. Education for International Understanding: Examples and Suggestions for Classroom Use. Paris: UNESCO, 1959. 136 pp. $1.50.

ES Gives practical suggestions to teachers on ways of educating for international understanding. Describes classroom practices, methods, and teaching material which can be fitted into the usual school subjects. UNESCO

UNESCO. Teachers Abroad. Geneva: UNESCO/International Bureau of Education, 1966. 110 pp. $4.50.

ES Definitive guide for teachers, detailing opportunities for employment abroad in 80 countries. Gives individual requirements for each of the countries concerning the recruitment of teachers from abroad as well as the procedures by which teachers in each country can seek employment overseas. UNESCO

*UNESCO. The Teaching of Basic Sciences. Paris: UNESCO.
New Trends in Chemistry Teaching, 1964-65. 1967. 359 pp. $7.
New Trends in the Teaching of Biology. 1967. 304 pp. $4.50.
New Trends in the Teaching of Mathematics. 1967. 436 pp. $6.
New Trends in the Teaching of Physics, 1965-67. 1967. 320 pp. $6.50.

S A series of studies on modern approaches to the teaching of basic sciences throughout the world. Shows need for student to develop a genuine understanding of science by developing his capacity for judgment. Intended as source book for teachers and as basis for seminars. UNESCO

UNESCO. UNESCO Source Book for Geography Teaching. London: UNESCO, 1965. 254 pp. Cloth, $4.50; paper, $3.50.
ES Contains chapters on the nature of geography, teaching techniques and materials, and bibliographies. Especially useful where equipment and supplies are at a minimum. NCGE, UNESCO

*UNESCO. UNESCO Source Book for Science Teaching. Second edition, revised. Paris: UNESCO, 1966. 250 pp. Cloth, $4; paper, $3.
ES Designed to help upgrade science instruction by basing it more and more on observation and experiment. Provides a useful source of learning experiences and materials for science teachers and teacher training institutions. UNESCO

UNESCO. World Survey of Education. 5 Vols. Paris: UNESCO.
ES Vol. I - Handbook of Educational Organizations and Statistics. 1955. 943 pp. $16.
E Vol. II - Primary Education. 1958. 1,387 pp. $28.
S Vol. III - Secondary Education. 1961. 1,482 pp. $34.
S Vol. IV - Higher Education. 1966. 1,433 pp. $42.
ES Vol. V - Educational Policy; Legislation and Administration. To be published in 1968.
A five-volume country-by-country survey of the educational systems in all parts of the world. Includes essays, statistical reports, and bibliographies. UNESCO

Vollmer, Howard M., and Mills, Donald L., editors. Professionalization. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 365 pp. $7.50.
ES A unique examination of the diverse literature on this subject that serves to illuminate the functions of the professions. Represented are such key authors as Carr-Saunders, Caplow, Durkheim, Parsons, Hughes, Lortie, Stinnett, and Lipset. PR&R

Waetjen, Walter B., and Leeper, Robert, editors. Learning and Mental Health in the School. Washington, D.C.: Association for Supervision and Curriculum Development, NEA, 1966. 174 pp. $5.
ES A process approach to mental health focusing on the learner within the learning situation. Valuable notes and bibliographies. ASCD

Wiles, Kimball. Teaching for Better Schools. Second edition. Englewood Cliffs, N.J.: Prentice-Hall, 1959. 341 pp. $5.95.
ES Planned to assist the reader in analyzing himself and his role, in achieving at least a minimum acceptable level of teaching in the phases described, and in developing special competency in the areas in which he can make a quality contribution. EKNE

Wilhelms, Fred T., editor. Evaluation as Feedback and Guide. Association for Supervision and Curriculum Development, NEA, 1967. 283 pp. $6.50.
ES Prepared by the 1967 ASCD Yearbook Committee. Presents the view that evaluation should provide feedback and guidance for all of education. Calls for a bold new approach to replace marking and grading. ASCD

Witty, Paul A., editor. The Educationally Retarded and Disadvantaged. Sixty-Sixth Yearbook of the National Society for the Study of Education, Part I. Chicago: University of Chicago, 1967. 384 pp. $5.50.
ES The nature and needs of the disadvantaged; principles and practices of compensatory education; programs for disadvantaged at different levels; teacher preparation; administrative problems. NSSE

371.11 SCHOOL FINANCE

Brighton, Stayner. Financing Public Schools: A Study Guide. Washington, D.C.: Committee on Educational Finance, NEA, 1965. 64 pp. $1.
ES For student teachers, classroom teachers, school administrators, and interested citizens. Covers basic principles necessary for understanding why we spend money on schools and how schools obtain their revenues and spend them on various services and materials. CEF

National Education Association, Committee on Educational Finance. Financial Status of the Public Schools, 1967. Washington, D.C.: the Association, 1967. 54 pp. $1.25, quantity discount.
ES The annual report of the Committee to the teaching profession. Presents trends in population, school enrollment, staffing, expenditures, and revenues of the public schools. CEF

National Education Association, Committee on Educational Finance. What Everyone Should Know About Financing Our Schools. Revised edition. Washington, D.C.: the Association, 1967. 63 pp. 50 cents, quantity discount.
ES Presents the basic rationale for adequate school support. Explains why costs of education are increasing; why educational expenditures are an investment; and the local, state, and federal sources of public school support. CEF

Norton, John K., editor. Dimensions in School Finance. Washington, D.C.: Committee on Educational Finance, NEA, 1966. 273 pp. $3.50.
ES Reduces some 3,000 pages of material issued by the Committee on Educational Finance into a useful document for those studying problems of school finance. CEF

371.3 METHODS OF TEACHING

Association of Classroom Teachers, NEA. The Classroom Teacher Speaks on His Supportive Staff. Washington, D.C.: the Association, 1967. 40 pp. 25 cents.

ES Examines the who's, what's, why's, and how's of the concept of a supportive staff for the classroom teacher and recommends ways for professional organizations and local school systems to achieve school system reorganization based on this concept. Report of the Classroom Teachers National Study Conference, November 1966. ACT

Association of Classroom Teachers, NEA. Time To Teach Action Report. Washington, D.C.: the Association, 1966. 286 pp. Cloth, $4; paper, $3.

ES Details the work and findings of the two-year Project: Time To Teach, conducted by ACT for NEA. ACT

*Burrows, Alvina T. Teaching Composition. Washington, D.C.: Association of Classroom Teachers, NEA, 1966. 32 pp. 25 cents.

E Identifies techniques of teaching composition from group dictation in the primary grades to independent writing at the intermediate level. Shows the relationship of other subjects to composition and gives guidelines for evaluating individual and group progress. No. 18 of the 33 "What Research Says to the Teacher" pamphlets, which summarize the most recent findings on various aspects of instruction. ACT

Duker, Sam. Listening: Readings. New York: Scarecrow, 1966. 475 pp. $11.

ES Comprehensive collection of articles summarizing important research and describing teaching methods at all levels. NCTE

*Gates, Arthur I. Teaching Reading. Revised edition. Washington, D.C.: Association of Classroom Teachers, NEA, 1967. 32 pp. 25 cents.

E Describes factors that affect learning to read, basic principles and techniques of reading instruction, and some of the newer methods of teaching reading such as the Initial Teaching Alphabet. No. 1 of the 33 "What Research Says to the Teacher" pamphlets, which summarize the most recent research findings on various aspects of instruction. ACT

*Horn, Ernest. Teaching Spelling. Revised edition. Washington, D.C.: Association of Classroom Teachers, NEA, 1967. 32 pp. 25 cents.

E Suggests experiences that help to develop spelling ability in children and examines various teaching methods. Number 3 in the "What Research Says to the Teacher" series. Summarizes the most recent research findings on various aspects of instruction. ACT

Joyce, Bruce R. The Teacher and His Staff: Man, Machines, and Media in the Educational System. Washington, D.C.: National Commission on Teacher Education and Professional Standards and Center for the Study of Instruction, NEA. In press.

ES Gives a glimpse into the school of the future, where a direct-instruction team of professionals and aides is using inquiry, computers, self-instruction, materials creation, and human relations centers to help children learn. Includes a complete description of a typical day's work. NCTEPS

Lifton, Walter M. Working with Groups: Group Process and Individual Growth. Second edition. New York: Wiley, 1966. 288 pp. Illus. $6.95.

E Group dynamics, theory and practice. EKNE

*National Education Association, National Commission on Teacher Education and Professional Standards. Auxiliary School Personnel. Washington, D.C.: the Commission, 1967. 20 pp. 50 cents.

ES Questions and discussion on the selection, training, and assignment of paid auxiliary personnel. Designed to help in the deliberations and decisions that must be made locally as schools add auxiliary personnel to their staff. NCTEPS

National Education Association, National Commission on Teacher Education and Professional Standards. A New Order in Student Teaching: Fixing Responsibilities for Student Teaching. Washington, D.C.: the Commission, 1967. 44 pp. 75 cents.

ES Final Report of the Joint Committee on State Responsibility for Student Teaching (AACTE, AASA, AST, CCSSO, DCT, NCTEPS, NASDTEC). Calls for statewide planning, structure, and standards for student teaching; outlines several models for fixing responsibility; and presents a new concept in student teaching which includes all clinical experiences directed at the training and induction of teachers. NCTEPS

*Noar, Gertrude. Teacher Aides at Work. Washington, D.C.: National Commission on Teacher Education and Professional Standards, NEA, 1967. 32 pp. 75 cents.

ES A sensitive, candid report on the use of teacher aides in the school. Presents an honest, balanced picture of some new staffing concepts that could help shape the ways in which nonprofessionals can contribute to the improvement of education and making the teacher's job more manageable. NCTEPS

*Noar, Gertrude. Teaching the Disadvantaged. Washington, D.C.: Association of Classroom Teachers, NEA, 1967. 32 pp. 25 cents.

ES Describes characteristics of the disadvantaged and problems of each age group and recommends effective teaching methods. The most recent of the "What Research Says to the Teacher" series, which summarizes the latest research findings on various aspects of instruction. ACT, EKNE

*Teaching the Disadvantaged. Filmstrip. 52 frames, color, $8. Washington, D.C.: Association of Classroom Teachers, NEA, 1967.

ES Based on No. 33 in the "What Research Says to the Teacher" series. Describes characteristics and learning handicaps of the disadvantaged and problems of each age group. ACT

371.33 AUDIOVISUAL TEACHING AIDS AND METHODS

Boutwell, William D., editor. Using Mass Media in the Schools. New York: Appleton, 1962. 292 pp. $4.50.

ES Discusses nature of mass media; considers in detail curricula and classroom activities concerned with printed materials, recordings, motion pictures, radio, and television. Prepared by an NCTE Committee. DAVI, NCTE

Brown, James W.; Lewis, Richard B.; and Harcleroad, Fred F. A-V Instruction: Materials and Methods. Second edition. New York: McGraw-Hill, 1964. 592 pp. $8.95.

ES Contains detailed suggestions of practical classroom uses, emphasizing the interrelatedness of media. A helpful section on locally produced materials. Five films and filmstrips correlated with this volume. DAVI

Brown, James W., and Norberg, Kenneth D. Administering Educational Media. New York: McGraw-Hill, 1965. 357 pp. $7.95.

S Guide for the administration of newer audiovisual media as well as printed materials. Designed for both preservice and in-service teachers, media specialists, and school administrators. DAVI

*Communication Theory and the New Educational Media. Series of films. Sound, b & w with color segments. Film Distribution Supervisor, The Ohio State University, 1885 Neil Avenue, Columbus, Ohio 43210, 1967.

S Theory, practice, and history of communicative and educational media. Demonstrates current uses. Major titles include—
The Information Explosion. 34 min., $55.
The Process of Communication. 46 min., $60.
Perception and Communication. 32 min., $50.
Teacher and Technology. 45 min., $60. DAVI

Dale, Edgar. Audio-Visual Methods in Teaching. Second edition. New York: Holt, 1965. 534 pp. Illus. $8.75.

ES A comprehensive textbook containing an extensive discussion of the theory and utilization of instructional materials. DAVI

de Kieffer, Robert, and Cochran, Lee W. Manual of Audio-Visual Techniques. Second edition. Englewood Cliffs, N.J.: Prentice-Hall, 1962. 254 pp. $4.95.

ES An illustrated guide to the operation and maintenance of various types, makes, and models of audiovisual equipment. DAVI

*Department of Audiovisual Instruction, NEA. National Tape Recording Catalog, 1962-63. Washington, D.C.: the Department, 1963. 138 pp. $1.50.
National Tape Recording Catalog: Supplement I. Washington, D.C.: the Department, 1965. 38 pp. $1.
ES Contain descriptions, subject matter classification, and grade-level recommendation on nearly 5,000 tapes available at cost from the National Tape Repository. DAVI

Diamond, Robert M., editor. A Guide to Instructional Television. New York: McGraw-Hill, 1964. 304 pp. $7.50.
S Comprehensive treatment of ITV, from small to elaborate installations. Prepared by experienced practitioners. DAVI

Eboch, Sidney C. Operating Audio-Visual Equipment. San Francisco: Chandler, 1960. 63 pp. Illus. $1.95.
ES Handbook covering major technical and essential operating principles and simple care and repair of equipment. Written for teachers who have had a minimum of experience with equipment. DAVI

Erickson, Carlton W. H. Administering Audio-Visual Services. New York: Macmillan, 1959. 479 pp. $7.50.
ES Discusses the audiovisual service program in terms of leadership, long-range planning, selection and care of materials, and an in-service program of teacher education in this field. DAVI

*Erickson, Carlton W. H. Fundamentals of Teaching with Audiovisual Technology. New York: Macmillan, 1965. 384 pp. $7.75.
ES A new and comprehensive text on media in the classroom, well-illustrated and current. Includes extensive classroom examples of the application of media to specific curriculum. DAVI

George Peabody College for Teachers. Free and Inexpensive Learning Materials. Nashville, Tenn.: the College, biennially. $2.
ES A selected, annotated, and evaluated listing of pamphlets, posters, pictures, charts, and maps for school use. The twelfth edition (1964) lists over 4,000 items. DAVI

Glaser, Robert, editor. Teaching Machines and Programed Learning, II: Data and Directions. Washington, D.C.: Department of Audiovisual Instruction, NEA, 1965. 831 pp. $11.50.
ES Based on a Carnegie-sponsored research symposium. Includes 17 chapters of detailed and thoughtful assessment of today's leading scientists and practitioners: Skinner, Lumsdaine, Glaser, Klaus, Gange, Holland, Stolurow, Komoski, and Kersh. Bibliography and index. DAVI.

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Green, Alan C., editor. Educational Facilities with New Media. Washington, D.C.: Department of Audiovisual Instruction, NEA, 1966. 230 pp. $4.50.

S Of considerable value to educational media specialists, school administrators, and architects. Divided into three parts: "A Guide for Policy Makers," "A Guide for the Design Professions," and "A Technical Guide." Based on a two-year project of the Center for Architectural Research at Rensselaer Polytechnic Institute. DAVI

Hocking, Elton. Language Laboratory and Language Learning. Monograph #2, second edition. Washington, D.C.: Department of Audiovisual Instruction, NEA, 1967. 221 pp. $4.50.

S A nontechnical discussion in depth of the language laboratory as an instructional device. Features a completely new selected bibliography of 230 references, plus a descriptive listing of language tests, materials centers, and motion pictures relating to language teaching methodology. DAVI

*Kemp, Jerrold E. Planning and Producing Audio-Visual Materials. San Francisco: Chandler, 1963. 232 pp. $6.

ES A handbook covering planning, basic skills, and production techniques in photography, graphic arts, sound recording, picture series, film slides, motion pictures, and television. DAVI

Lewis, Philip. Educational Televison Guidebook. New York: McGraw-Hill, 1961. 238 pp. $7.50.

ES A presentation of ETV from the standpoint of users of the equipment. Discusses the practical uses of present-day equipment. DAVI

Lumsdaine, Arthur A., and Glaser, Robert, editors. Teaching Machines and Programed Learning: A Source Book. Washington, D.C.: Department of Audiovisual Instruction, NEA, 1960. 736 pp. $7.50.

S A comprehensive source book—one of the first in the field—which presents some formerly scattered, inaccessible, and unpublished materials. An overview and papers by Pressey, Skinner, and others. DAVI

Mager, Robert F. Preparing Objectives for Programmed Instruction. San Francisco: Fearon, 1961. 62 pp. $1.50.

ES Discusses educational objectives, behavior, and criteria. DAVI

Make a Mighty Reach. Film. 45 min., sound, color, $300; rental, free. The Kettering Foundation, 1966. (Available from IDEA, Box 446, Melbourne, Fla. 32901)

ES Illustrations of innovative programs underway in different schools throughout the United States. Includes team teaching, large and small group discussions, computer-assisted instruction, nongraded elementary schools, and other progressive efforts. DAVI

Minor, Ed. Simplified Techniques for Preparing Audio-Visual Instructional Materials. New York: McGraw-Hill, 1962. 1,239 pp. $3.95.

ES Presents basic techniques for the preparation of visual materials—mounting, lettering, illustrating, coloring visuals, making and mounting slide transparencies. Lists and pictures required materials and equipment, gives concise instructions, and suggests uses. DAVI

National Audio-Visual Association. Audio-Visual Equipment Directory. Fairfax, Va.: the Association, 1967. 336 pp. $6.

S Includes photographs, prices, and brief descriptions of currently available equipment. Includes addresses of manufacturers of AV equipment. DAVI

Oates, Stanton C. Audio Visual Equipment—Self-Instruction Manual. Tape Recorders, Filmstrip/Slide Projectors, Motion Picture Projectors. Dubuque, Iowa: Brown, 1966. Illus. $3.

ES A self-instruction guide field tested for ease of understanding and completeness. Discusses the models of various manufacturers in order to allow transfer of skills from one machine to another. DAVI

Project Discovery: A Demonstration in Education. Film. 28 min., sound, color, $150; b & w, $75. Encyclopaedia Britannica Films, 1965. Irving Rusinow, 425 North Michigan Avenue, Chicago, Ill. 60611.

E A filmed report on the first year of experimentation in a unique study of the impact of total audiovisual instruction. Includes interviews with principals, teachers, and students of the first school to complete one year's study. DAVI

Projecting Ideas on the Overhead Projector. Film. 17 min., sound, color, rental (one to three days), $6. State University of Iowa. Available from Audiovisual Center, Division of Extension and University Services, University of Iowa, Iowa City, Iowa 52240.

ES Outlines advantages and uses of equipment with opaque, translucent, and transparent materials and combination of these, both in contrasting colors and in monochrome. Effective presentation of improvisation through the use of movable graphic components, overlays, polaroid filters, and transparent working models. DAVI

*The Quiet Revolution. Film. 28 min., sound, color, $200 (Non-Conference participants, local and state education associations, $150); rental, $25 per week; loan (Non-Conference participants only), $5 handling charge. National Commission on Teacher Education and Professional Standards, NEA, 1967.

ES Dante and Vergil look at new ways of staffing and scheduling in today's schools and engage in an amusing dialogue. Shows teachers and auxiliaries working with children in innovative schools. DAVI, NCTEPS

Schramm, Wilbur. Four Case Studies of Programed Instruction. New York: Fund for the Advancement of Education, 1964. 119 pp. Free.
ES In addition to the four case studies (Manhasset, Denver, Chicago, and Provo), contains a reprint of Schramm's 1962 book, Programed Instruction Today and Tomorrow—a brief but good introduction to the subject. DAVI

*Schramm, Wilbur, and others. The New Media: Memo to Educational Planners. Paris: UNESCO/International Institute for Educational Planning, 1967. 175 pp. $2.95.
ES Explores the ways educational television, radio, and films are being used. Focuses on the effectiveness, cost, potential, and conditions for success of the new media. UNESCO

Shores, Louis. Instructional Materials. New York: Ronald, 1960. 408 pp. $6.50.
ES Identifies all major types of instructional materials used by teachers, including "The World of Print," "The World of Graphics," and "The World of Sight and Sound." DAVI

Teaching Methods. Five films. Sound, color, $895; b & w, $470. McGraw Hill Book Co., Text-Film Division, 330 West 42nd Street, New York, N.Y. 10036.
ES "Creating Instructional Materials." 15 min., color, $200; b & w, $105.
"Selecting and Using Ready-Made Materials." 17 min., color, $200; b & w, $105.
"Choosing a Classroom Film." 18 min., color, $200; b & w, $105.
"Children Learn from Filmstrips." 16 min., color, $200; b & w, $105.
"How To Use Classroom Films." 15 min., color, $200; b & w, $105. DAVI

*Williams, Catharine M. Learning from Pictures. Washington, D.C.: Department of Audiovisual Instruction, NEA, 1963. 163 pp. $4.50.
E A guide and source book. Presents information on choosing and using pictures, pictures for subject matter areas, and school-produced materials. Lists 138 producers and distributors of picture materials. DAVI

*Wittich, Walter, and Schuller, Charles. Audiovisual Materials: Their Nature and Use. Third edition. New York: Harper, 1962. 500 pp. $8.75.
ES Introductory text in audiovisual education. Each chapter concluded with a summary, suggested activities, and a bibliography. Includes thought-provoking questions and schematic diagrams for equipment. DAVI

371.42 VOCATIONAL EDUCATION

*Barlow, Melvin, editor. Vocational Education. Sixty-Fourth Yearbook of the Society for the Study of Education, Part I. Chicago: University of Chicago, 1965. 301 pp. $5.

S Each of the 13 chapters devoted to one phase of vocational education in the United States, such as the impact of federal legislation and policies and the period between the passage of the Smith-Hughes law to the enactment of the Vocational Education Act of 1963. AVA, DHE

*Borow, Henry, editor. Man in a World at Work. Boston: Houghton Mifflin, 1964. 606 pp. $11.25; text edition, $8.75.

S Represents "the profession's best thinking on the nature of vocational guidance, the meaning of the human work experience, the relationship of the individual to the labor force, and research and practice in vocational guidance." AIAA, APGA, AVA

Children on the Move. Film. 22 min., sound, color, $50; b & w, $10. The Smart Family Foundation. Distributed by Coronet.

E Shows effects of a family's move to a new city. A mental health film. APGA

*A Class of Your Own. Film. 25 min., 16mm, color. Marketing Programs. Modern Talking Picture Service, Inc., 1212 Avenue of the Americas, New York, N.Y. 10036.

S Steps in teaching—conducting classroom or on-the-job training sessions. AVA

Detjen, Ervin Winfred, and Detjen, Mary Ford. Elementary School Guidance. Second edition. New York: McGraw-Hill, 1963. 240 pp. $5.95.

E "Written for all teachers...who are interested in improving the mental health of children." Designed to help teachers learn about the background of children, to give children opportunities to express their grievances, and to help children get along with each other. APGA, EKNE

*Frey, A. W., editor. Marketing Handbook. Second edition. New York: Ronald, 1965. $15.

S A comprehensive reference book concerned with marketing goods and services. AVA

*Harbison, Frederick, and Myers, Charles A. Education, Manpower and Economic Growth: Strategies of Human Resource Development. New York: McGraw-Hill, 1964. 223 pp. $7.50.

S Strategies of human resource development. AVA

*Hawkins, Layton S.; Prosser, C. A.; and Wright, J. C. Development of Federal Legislation for Vocational Education. Compiled from "Development of Vocational Education," U.S. Department of Health, Education, and Welfare. Chicago: American Technical Society, 1962. 110 pp. $3.
ES Brought up to date with additional material covering legislation from 1947 to the passage of the Manpower Development and Training Act of 1962. AVA

*Hopke, William E., editor. The Encyclopedia of Careers and Vocational Guidance. Vol. I, Planning Your Career. 752 pp., Vol. II, Careers and Occupations. 784 pp. New York: Doubleday, 1967. Illus. Set, $21.65
S More comprehensive than the Department of Labor's Occupational Outlook Handbook. Contains chapters or units by specialists or other knowledgeable persons on various career fields in general. Specific jobs, trades, occupations, or specialties described in great detail. AAAS

*Kerr, Clark, and others. Industrialism and Industrial Man. Second edition. New York: Oxford University, 1964. 258 pp. $1.95.
S The problems of labor and management in economic growth. AVA

Landy, Edward, and others, editors. Guidance in American Education. 3 Vols. Cambridge, Mass.: Harvard University.
Vol. 1, Backgrounds and Prospects. 1964. Paper, $2.95;
Vol. 2, Current Issues and Suggested Action. 1965. Paper, $4.95;
Vol. 3, Needs and Influencing Forces. 1966. Paper, $4.50.
ES A series of reports developed from summer institutes held at Harvard for administrators of pupil personnel services. Explores current trends in organization, administration, and concepts of school personnel services. APGA

*Loughary, John W., editor. Counseling - A Growing Profession. Washington, D.C.: American Personnel and Guidance Association, 1965. 128 pp. Cloth, $3.50; paper, $2.50.
ES Documents and evaluates the process by which the American Personnel and Guidance Association and two of its divisions (the American School Counselor Association and the Association for Counselor Education and Supervision) developed statements of policy on the role the counselor is to play and the preparation he needs. APGA

*Mauser, Ferdinand F., and Schwartz, David J., Jr. American Business - An Introduction. New York: Harcourt, 1966. 700 pp. Illus. College edition, $7.95.
S A textbook arranged to show the practical application of business principles to problems of organizing and starting a business enterprise. AVA

Miller, Carroll. Guidance Services: An Introduction. New York: Harper, 1965. 418 pp. $6.95.

ES A basic text and reference that provides material on guidance principles and techniques. APGA

National Vocational Guidance Association. NVGA Bibliography of Current Occupational Literature. Revised edition. Washington, D.C.: the Association, 1963. 122 pp. $1.

S An evaluated list of free and inexpensive occupational information materials. APGA

Ohlsen, Merle M. Guidance Services in the Modern School. New York: Harcourt, 1964. 515 pp. $6.95.

ES A basic reference to help teachers, administrators, and counselors understand guidance and their respective functions in relation to these services. APGA

Prakken, Lawrence W., and others. Technician Education Yearbook, 1965-66. Ann Arbor, Mich.: Prakken, 1965. 210 pp. $10.

S A source book of information on technical education in the United States. Includes agriculture technologies, business-related technologies, health technologies, and engineering technologies. AVA

*Rath, Patricia Mink, and Tapp, Gerald R. Case Studies in Marketing and Distribution. Danville, Ill.: Interstate, 1965. 179 pp. Illus. Paper, $2.

S Twenty-five cases describing problems in distribution and marketing which may be used as guides in developing decision making abilities. AVA

Roberts, Roy W. Vocational and Practical Arts Education: History, Developments, and Principles. Second edition. New York: Harper, 1965. 596 pp. Illus. $8.50.

S The history, development, and principles underlying vocational education. Reviews the various federally compensated vocational programs and pertinent legislation affecting vocational education. AIAA, AVA

The Role of the Counselor in the Secondary School. Filmstrip. 20 min., sound, color, $14.95, plus 75 cents shipping charge. Guidance Associates, Pleasantville, N.Y., 1965.

S Designed to interpret the work of the counselor and his role in the development of young people. Developed in cooperation with an advisory committee of the American Personnel and Guidance Association. APGA

Silvius, George H., and Bohn, Ralph C. Organizing Course Materials for Industrial Education. New York: McKnight, 1961. 495 pp. $7.

ES Has as its purpose the preparation of teachers to assume professional competence and responsibility in developing course materials. Gives examples. AIAA

Super, Donald E., and others. Career Development: Self-Concept Theory. Princeton, N.J.: College Entrance Examination Board, 1963. 100 pp. $2.50.

ES The second of two volumes on the subject of career development. Explains the self-concept theory which divides an individual's life into five stages: growth, exploration, establishment, maintenance, and decline. APGA

Tennyson, W. Wesley; Soldahl, Thomas A.; and Mueller, Charlotte. The Teacher's Role in Career Development. Washington, D.C.: American Personnel and Guidance Association, 1965. 107 pp. $1.25.

S Provides labor market information and career development theory for teachers. Also occupational-educational information and techniques for classroom use. APGA

Tiedeman, David V., and O'Hara, Robert P. Career Development: Choice and Adjustment. Princeton, N.J.: College Entrance Examination Board, 1963. 115 pp. $2.50.

ES The first of two companion volumes on the subject of career development. Explores the relationship between an individual's personality and his choice of a career. APGA

*U.S. Department of Health, Education, and Welfare. Administration of Vocational Education: Rules and Regulations. Washington, D.C.: G.P.O., 1967. 102 pp. 45 cents.

S Presents the most recent regulations of the Office of Education applicable to vocational education as supported by the provisions of the Vocational Education Act of 1963. DHE, AVA

*U.S. Department of Health, Education, and Welfare. Education for a Changing World of Work. Report of the Panel of Consultants on Vocational Education. Washington, D.C.: G.P.O., 1963. 296 pp. $1.25.

S Discusses the historic development of vocational education and programs now in existence. Points out the possible gains that can be made by furnishing vocational training to youths and adults with particular needs—such as the culturally disadvantaged, the school dropout, the functionally illiterate. Contains an excellent bibliography. AVA

*U.S. Bureau of Labor Statistics. Occupational Outlook Handbook. Bulletin 1450. Washington, D.C.: U.S. Department of Labor, 1967. 858 pp. Paper, $5. (Revised biennially; reprints of individual sections available at 5 cents to 20 cents each.)

S The fundamental reference work for vocational guidance at the secondary school and college level. Describes duties, training, experience required, education needed, compensation, benefits, working conditions, etc., for most trades, occupations, skills, and professions. AAAS, APGA, AVA

*Venn, Grant. Man, Education, and Work: Postsecondary Vocational and Technical Education. Washington, D.C.: American Council on Education, 1964. 184 pp. $1.50.

S The result of a conference called by the American Vocational Association. Partial contents: the development of vocational and technical education in secondary and higher education; the federal government and vocational and technical education; major issues in vocational and technical education. AVA

Wrenn, C. Gilbert. The Counselor in a Changing World. Washington, D.C.: American Personnel and Guidance Association, 1962. 195 pp. Paper, $2.50.

ES The report of the Commission on Guidance in the American Schools. Examines the societal changes of the coming decades and their effects upon young people in school today. The counselor's role explored extensively. APGA

371.71 SAFETY EDUCATION, PHYSICAL EDUCATION AND TRAINING, DRUGS, NURSING, AND HEALTH

*Aaron, David, and Winawer, Bonnie. Child's Play: A Creative Approach to Playgrounds for Today's Children. New York: Harper, 1965. 322 pp. Illus. $4.95.

E Offers help in planning playgrounds and equipment to meet needs of handicapped as well as normal children for truly creative and developmental play. AAHPER

*Aaron, James E., and Strasser, Marland K. Driver and Traffic Safety Education: Content, Methods, and Organization. New York: Macmillan, 1966. 401 pp. Illus. $6.95.

S Designed primarily as a college textbook, but an excellent tool for providing an up-to-date understanding of the elements of a comprehensive program and a guide for teachers, supervisors, and administrators in the organization, administration, and planning of a driver and traffic safety education curriculum. SAF

*American Association for Health, Physical Education, and Recreation, NEA. AAHPER Youth Fitness Test Manual. Washington, D.C.: the Association, 1965. 80 pp. $1.

ES Gives directions for administration of the AAHPER Youth Fitness Test, with test descriptions and percentile scores for grade 5 through college. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. After School Games and Sports: Grades 4-5-6. Washington, D.C.: the Association, 1964. 56 pp. $1.25.

E Designed to assist the classroom teacher of grades 4, 5, and 6 in planning and leading after-school programs of physical activity. Includes adaptations of games for this age group. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. Athletics in Education. Washington, D.C.: the Association, 1963. 16 pp. 25 cents.

ES Platform statement by the AAHPER Division of Men's Athletics. Spells out the values and responsibilities of the athletics program in the total education program. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. Classroom Activities. Washington, D.C.: the Association, 1963. 64 pp. $1.

E Presents a variety of active games as well as some that children in grades K-6 can enjoy while sitting quietly at their desks. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Drug Abuse: Escape to Nowhere. Philadelphia: Smith Kline & French Laboratories with the Association, 1967. 108 pp. Illus. $2.

ES A guide for educators describing the various drugs subject to abuse; suggests educational approaches. Information on history, modern therapy, problems of abuser identification. AAAS, AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Growing Years: Adolescence. Washington, D.C.: the Association, 1962. 336 pp. $3.

S A storehouse of ideas for the curriculum planner of health, physical education, athletics, and recreation programs in secondary schools, with emphasis on general problems of growing up in the modern world. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Health Concepts—Guide to Health Instruction. Washington, D.C.: the Association, 1967. 56 pp. $1.75.

ES Discusses concepts and supporting data on major health problems facing children and youth now and in the next decade. Basic reference for curriculum development in schools. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Outdoor Education for American Youth. Washington, D.C.: the Association, 1957. 150 pp. $1.25.

S A reference book for teachers on programs and procedures to help teen-agers enjoy the outdoors. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. Rhythmic Activities. Washington, D.C.: the Association, 1964. 64 pp. $1.25.

E Gives teaching suggestions on rhythmic motor experiences, developing and improving rhythmic skills, and integrating rhythmic activities with other areas of the K-6 curriculum. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Spectator Sportsmanship. Washington, D.C.: the Association, 1961. 80 pp. $1.50.

S Specific suggestions for dealing with all aspects of this topic in high schools. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. Standards for Junior High School Athletics. Washington, D.C.: the Association, 1963. 20 pp. 50 cents.

S Policy statement developed by a joint committee of AAHPER, the National Association of Secondary School Principals, and the National Federation of State High School Athletic Associations. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Suggested School Safety Policies: Accident Prevention in Physical Education, Athletics, and Recreation. Washington, D.C.: the Association, 1964. 32 pp. 75 cents.

ES Policy statements developed by a national conference on accident prevention. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA. This Is Physical Education. Washington, D.C.: the Association, 1965. 24 pp. 50 cents.

ES A statement designed to help in interpreting the field to elementary teachers, parents, and interested laymen of the community. AAHPER

American Association for Health, Physical Education, and Recreation, NEA. Values in Sports. Washington, D.C.: the Association, 1963. 136 pp. $2.50.

S Contains recommendations and addresses from a joint conference on the role of athletics in developing personal value systems. AAHPER

*American Association for Health, Physical Education, and Recreation, NEA, and the Athletic Institute. Equipment and Supplies for Athletics, Physical Education, and Recreation. Washington, D.C.: the Association, 1960. 104 pp. $2.50.

ES A guide providing information on selection, budgeting, procurement, accountability, and maintenance. AAHPER

*Anderson, Marian H.; Elliot, Margaret E.; and La Berge, Jeanne. Play with a Purpose. New York: Harper, 1966. 549 pp. Illus. $11.

E Presents a planned program of physical education which appeals to children because of its structure, variety, and suitability to their interests. Emphasizes natural sequence in the learning of motor skills, with sections on movement skills, ball skills, and dance skills. AAHPER

*Andrews, Gladys; Saurborn, Jeannette; and Schneider, Elsa. Physical Education for Today's Boys and Girls. Boston: Allyn & Bacon, 1960. 430 pp. $11.65; text edition, $8.75.

E Thorough analysis of the nature of movement as the basis of physical education. Focuses on children and their growth. Activities ordered by age group and by sex. AAHPER

*Athletic Institute and American Association for Health, Physical Education, and Recreation, NEA. Planning Areas and Facilities for Health, Physical Education, and Recreation. Chicago: the Institute, 1965. 300 pp. Illus. Cloth, $6; paper, $5.

S Up-to-date and complete guide for planning and constructing all types of facilities. AAHPER

Barrett, Kate R. Exploration—A Method for Teaching Movement. Madison, Wis.: College Printing & Typing Co., 1965. 60 pp. $2.85.

E Presents a method of teaching movement (physical education) by which the child discovers solutions suited to his personal capabilities in responding to problems and tasks given him. AAHPER

*Beyrer, Mary K.; Nolte, A. E.; and Solleder, M. A Directory of Selected References and Resources for Health Instruction. Minneapolis: Burgess, 1966. 148 pp. $3.75.

ES Identifies textbooks, evaluation instruments, and instruction guides; lists resources for health instruction, i.e. agencies, organizations, and periodicals; includes selected articles on school health. AAHPER

Boyer, Madeline H. The Teaching of Elementary School Games. New York: Pratt, 1965. 256 pp. Illus. $3.95.

E Problem solving approach for teaching of games. AAHPER

Bucher, Charles A. Administration of School and College Health and Physical Education Programs. Fourth edition. St. Louis, Mo.: Mosby, 1967. 671 pp. Illus. $7.75.

S Concerned with administration as related to school programs of health and physical education, with implications for recreation. Written with the administrative problems in mind that confront the teacher and leader in the field. AAHPER

Bucher, Charles A.; Koenig, Constance R.; and Barnard, Milton. Methods and Materials for Secondary School Physical Education. Second edition. St. Louis, Mo.: Mosby, 1965. 458 pp. $7.50.

S Comprehensive treatment for the secondary teacher of representative forms, reports, field diagrams, charts, and new teaching techniques. AAHPER

*Byrd, Oliver E. School Health Administration. Philadelphia: Saunders, 1964. 491 pp. Illus. $8.

ES Deals particularly with the administration of the school health program, with application to school nursing, health instruction, and healthful school living. AAHPER

Clarke, H. Harrison, and Clarke, David H. Developmental and Adapted Physical Education. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 364 pp. $7.95.

ES Comprehensive presentation to enable anyone engaged in rehabilitation or physical education work to conduct a developmental program. AAHPER

Council for Exceptional Children and the American Association for Health, Physical Education, and Recreation, NEA. Recreation and Physical Activity for the Mentally Retarded. Washington, D.C.: the Association, 1966. 128 pp. $2.

ES Includes a statement of philosophy and intent plus program materials for instruction of mentally retarded youngsters. Intended for those with little experience in working with the retarded. AAHPER, CEC

*Daniels, Arthur S., and Davies, Evelyn A. Adapted Physical Education. Second edition. New York: Harper, 1965. $7.95.

ES Text-manual on the special techniques of adapting physical education for the handicapped. Designed for teachers with limited background in technical aspects of medical rehabilitation. Covers organization, administration, curriculum, class and individual techniques, and physical, anatomical, and psychological problems. AAHPER

Dauer, Victor P. Fitness for Elementary School Children Through Physical Education. Minneapolis: Burgess, 1965. 346 pp. $5.75.

E Comprehensive guide to a complete program of physical education. Materials presented in sequence according to grade level. Movement exploration as a teaching technique, as well as the direct experience approach, with physical fitness as a major goal. AAHPER

*Espenschade, Anna S. Physical Education in the Elementary Schools. Washington, D.C.: Association of Classroom Teachers, NEA, 1963. 32 pp. 25 cents.

E A basic aid for teachers. Number 27 in the "What Research Says to the Teacher" Series. AAHPER

Fait, Hollis F. Special Physical Education: Adapted, Corrective, Developmental. Philadelphia: Saunders, 1966. 368 pp. Illus. $7.25.
ES Designed to give a brief introduction to the nature of each of the most common types of handicapping conditions and the psychological implications for those so afflicted. Adaptations for the mentally, physically, and socially handicapped, including body mechanics, fitness, and detailed discussions of the skill techniques of numerous games, sports, and activities. AAHPER

Fox, James H. Driver Education and Driving Simulators. Washington, D.C.: National Commission on Safety Education, NEA, 1964. 75 pp. $1.50.
S Analysis of types of machines that simulate controls and driving operations of automobiles used in driver education courses. Compared with studies on simulators developed by the armed forces and with trainers used in aviation. Transfer of learning theories discussed and applied to driver education simulators now in use. Saf.

Golf Group Instruction. Filmstrip. 50 frames, color, $8. American Association for Health, Physical Education, and Recreation, NEA, 1966.
S Illustrates class organization for group instruction. Emphasis is on effective utilization of limited space through use of formations and teaching stations. AAHPER

Grout, Ruth E. Health Teaching in Schools for Teachers in Elementary and Secondary Schools. Fourth edition. Philadelphia: Saunders, 1963. 428 pp. $6.75.
ES Provides teacher with information on health needs of young people. Presents educational theory and method, and furnishes practical suggestions for planning instruction and teaching. AAHPER

Haag, Jessie Helen. School Health Program. Revised edition. New York: Holt, 1965. 395 pp. $7.50.
ES A reference on the total school health program. Gives recent health appraisal techniques and discusses health problems of pupils and school staff. AAHPER

*Haddon, William, Jr.; Suchman, Edward A.; and Klein, David. Accident Research: Methods and Approaches. New York: Harper, 1964. 752 pp. $15.
ES Useful not only to those engaged in research, but to all persons concerned with public health, environmental medicine, and safety activities. Extends the concepts of preventive medicine and related dis-

ciplines, including the biological and physical sciences, to the study of accidents. Includes some of the most significant contributions to this field. Saf.

*Halsey, Elizabeth, and Porter, Lorena. Physical Education for Children. New York: Holt, 1963. 449 pp. $7.95.
E Relates the pattern of development in childhood to the aims and content of the physical education program. AAHPER

*Hunsicker, Paul. Physical Fitness. Washington, D.C.: Association of Classroom Teachers, NEA, 1963. 32 pp. 25 cents.
E Number 26 in the "What Research Says to the Teacher" Series. Discusses the many factors of fitness important to classroom teachers. AAHPER

Irwin, Leslie W., and Mayshark, Cyrus. Health Education in Secondary Schools. St. Louis: Mosby, 1964. 402 pp. Illus. $6.
S Considers methods and materials. Ideal for the secondary school teacher of physical education. AAHPER

*Kirchner, Glenn. Physical Education for Elementary School Children. Dubuque, Iowa: Brown, 1966. 655 pp. $7.95.
E Comprehensive text designed to meet the needs of the classroom teacher and the elementary school physical education specialist. AAHPER, EKNE

Kozman, Hilda C.; Cassidy, Rosalind; and Jackson, Chester O. Methods in Physical Education. Dubuque, Iowa: Brown, 1964. 557 pp. Paper, $4.95.
S Stresses teaching methods in the field of physical education which align with the best general methods in secondary education. AAHPER

Leibee, Howard C. Tort Liability for Injuries to Pupils. Ann Arbor, Mich.: Campus, 1965. 104 pp. $2.45.
S Cites state laws regarding liability of school programs. Includes transportation and athletics. Defines terms; outlines liabilities and defenses with recent court decisions. AAHPER

Lifetime Sports in Education. Film. 16mm, 17 min., color, sound. Available on loan from state directors of health, physical education, and recreation, state departments of education in all states. Purchase: $80.
ES Shows how teachers may extend instruction in the five lifetime sports of archery, bowling, golf, tennis, and badminton. Demonstrates techniques of large-group instruction, utilizing gymnasiums and playing fields, improvised materials, and innovative teaching aids. AAHPER

Mayshark, Cyrus, and Shaw, Donald D. *Administration of School Health Programs.* St. Louis: Mosby, 1967. 500 pp. Illus. $7.85.

ES Presents theory and practice through the case study method, with discussion of 25 "critical incidents." AAHPER

Miller, Arthur G., and Massey, Dorothy M. *A Dynamic Concept of Physical Education for Secondary Schools.* Englewood Cliffs, N.J.: Prentice-Hall, 1963. 284 pp. $7.50.

S Presents an overview of the physical education program and shows the many opportunities for creative work open to teachers in junior and senior high schools. AAHPER

*Mohr, Dorothy R., and Vernier, E., editors. *Physical Education for High School Students.* Washington, D.C.: American Association for Health, Physical Education, and Recreation, NEA, 1964. 416 pp. $4. Teachers Guide, 128 pp. $1.50.

S A handbook of sports, games, dances, recreation, and athletics that may be used as text or supplementary reading for secondary school boys and girls. Examination copy with 30-day return privilege. Comprehensive list of resource materials and instruction on how to construct and evaluate written tests in Teachers Guide. AAHPER

Mosston, Muska. *Teaching Physical Education: From Command to Discovery.* Columbus, Ohio: Merrill, 1966. 238 pp. $6.

ES Discussion of philosophy of learning and teaching by analyses of the concepts of teaching by command, teaching by task, reciprocal teaching, the use of the small group, the individual program, guided discovery, problem solving, and creativity. AAHPER

Movement Education in Physical Education. Film. 20 min., sound, b & w, $145; rental, $25/3 days, plus return postage. Hayes Krueger, Louise Duffy School, 95 Westminster Drive, West Hartford, Connecticut.

E Demonstrates how the problem solving approach to learning enables each child to work at his own ability level with greater understanding of the nature of the task. AAHPER

National Commission on Safety Education, NEA. *Policies and Practices for Driver and Traffic Safety Education.* Washington, D.C.: the Commission, 1964. 85 pp. $1.

S Policies and practices related to programs for high school and college students, adults, and out-of-school youth, developed by the 1963 National Conference on Driver Education. Sound guide to administration and instruction in the various programs. Recommendations pertaining to state education departments, teacher certification, and research in driver education. Saf.

*National Commission on Safety Education, NEA. *A School Safety Education Program.* Washington, D.C.: the Commission, 1966. 16 pp. 50 cents.

ES Discusses the organizational structure, functions, reponsibilities, and other elements required for a comprehensive and adequate safety education program from the state department of education to the classroom teacher. Saf.

*NEA-AMA Joint Committee. Health Education. Washington, D.C.: National Education Association, 1967. 429 pp. Paper, $2.75.
ES Offers professional opinions on curriculum, materials and resources, and evaluation in health education from kindergarten through college. Lists selected references. AAHPER

*NEA-AMA Joint Committee. Healthful School Living. Washington, D.C.: National Education Association, 1957. 340 pp. $5.
ES Comprehensive guide to a healthful school environment. Prepared by the NEA-AMA Joint Committee on Health Problems in Education. AAHPER

*NEA-AMA Joint Committee. Mental Health and School Health Services. Washington, D.C.: National Education Association, 1966. 24 pp. 40 cents.
ES A discussion of the services which constitute the school's area of responsibility in providing for the mental health of school children. AAHPER

*NEA-AMA Joint Committee. School Health Services. Revised edition. Washington, D.C.: National Education Association, 1964. 432 pp. $5.
ES Comprehensive guide for health procedures in small or large school systems. Prepared by the NEA-AMA Joint Committee on Health Problems in Education. AAHPER

*NEA-AMA Joint Committee. Suggested School Health Policies. Washington, D.C.: National Education Association, 1966. 48 pp. 30 cents.
ES Concise policy statement for the school health program from the NEA-AMA Joint Committee on Health Problems in Education. AAHPER

*Nemir, Alma. The School Health Program. Second edition. Philadelphia: Saunders, 1965. 418 pp. $7.75.
ES Contains an excellent section on normal growth and development of children. Of value to anyone on the school staff, as well as to health personnel. AAHPER

Nixon, John E., and Jewett, Ann E. Physical Education Curriculum. New York: Ronald, 1964. 288 pp. $5.
ES Modern principles of curriculum development for grades 1-12 and an analysis of different patterns for organizing curriculum content. Cites examples of curriculum in operation at various grade levels. AAHPER

*Oberteuffer, Delbert, and Beyrer, Mary K. School Health Education. Fourth edition. New York: Harper, 1966. 534 pp. $8.50.

ES Comprehensive treatment of school practice, including instructional, administrative, environmental, and service programs. Emphasizes community relationships. AAHPER

Oberteuffer, Delbert, and Ulrich, Celeste. Physical Education: A Textbook of Principles for Professional Students. Third edition. New York: Harper, 1962. 466 pp. $6.50.

ES Includes chapters on the development of social relationships, ethical values, and personal resources, as well as on motor learning, organic development, and the application of the process of integration and the core curriculum to physical education. AAHPER

Pennsylvania State Department of Public Instruction. Guidelines for Adapted Physical Education. Harrisburg, Pa.: the Department, 1966. 68 pp. Illus. 25 cents.

ES Fully covers goals, organization, programing, facilities, equipment, scheduling of modified and remedial physical education programs. AAHPER

Physical Education in Elementary Schools. Film. 20 min., color, $200. Stuart Finley, 6926 Mansfield Road, Falls Church, Va. 22041, 1964.

E Concerned with the physical education program for kindergarten through the elementary grades. Appropriate for in-service programs and meetings with parents. AAHPER

Readiness: The Fourth R. Film. 27-1/2 min., sound, color, $190; rental, $4 plus shipping charges. Chicago: Athletic Institute, 1962.

ES Interprets for lay audiences the role of physical education in the modern school curriculum. Features astronaut John Glenn and emphasizes the need for physical education as a part of the educational process. AAHPER

*Sarason, Seymour B., and others. Anxiety in Elementary School Children: A Report of Research. New York: Wiley, 1960. 351 pp. $7.95.

E Has important implications for psychological practices and procedures in the public schools, with special emphasis and application for child safety. Fills a definite need for school psychologists, guidance personnel, teachers, and administrators. Saf.

*Schneider, Robert E. Methods and Materials of Health Education. Second edition. Philadelphia: Saunders, 1964. 372 pp. $6.25.

ES Practical in giving teachers ideas of how to present health information beyond the conventional textbook approach. AAHPER

School Health Education Study. Health Education: A Conceptual Approach to Curriculum Design. St. Paul, Minn.: 3M Education Press, 1967. 160 pp. Illus. $8.95.

ES Explains the conceptual approach and its adaptation to health education. Carefully delineated steps have implications for the total instructional program of schools. Of interest to administrators, curriculum planners. AAHPER

*Stack, Herbert J., and Elkow, J. Duke. Education for Safe Living. Fourth edition. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 374 pp. $7.50.

ES Recommended for providing teachers, supervisors, and administrators with a knowledge and understanding of the concepts and principles of safety education on all levels and in all life activities. Covers the broad areas of safety education and injury control from the elementary school through college and adulthood. Includes a wide range of safety materials and programs. Saf.

Tennis Group Instruction. Filmstrip. 50 frames, color, $8. American Association for Health, Physical Education, and Recreation, NEA, 1966.

ES Illustrates class organization for group instruction. Emphasis is on effective utilization of limited space through use of formations and teaching stations. AAHPER

They Grow Up So Fast. Film. 28 min., 16mm, sound, color, $135 plus postage. American Association for Health, Physical Education, and Recreation, NEA, 1956.

ES Designed to interpret physical education to the public. Depicts a well-rounded and integrated program of physical education for all children and youth. Write AAHPER for preview prints with intent to purchase. AAHPER

Turner, C. E.; Sellery, C. Morley; and Smith, Sara Louise. School Health and Health Education. Fifth edition. St. Louis: Mosby, 1966. 428 pp. $6.95.

ES Presents the functions, duties, and relationships of the school health team; describes how health education of young people comes about; and suggests procedures, methods, and materials. AAHPER

Vigorous Physical Fitness Activities. 13-1/2 min., 16mm, color, $55; b & w, $30. Purchase: President's Council on Physical Fitness, Washington, D.C. Loan prints available from state education departments and state health department film libraries.

ES Shows how to get maximum participation in the physical activity period through proper use of time, equipment, and facilities. Illustrates conditioning activities. AAHPER

*Wheatley, George M., and Hallock, Grace T. Health Observation of School Children. Third edition. New York: McGraw-Hill, 1965. 527 pp. $10.50.

ES Strives to acquaint teachers with the disorders and defects most commonly encountered in school children and to instruct them in prevention, detection, and treatment of these defects. AAHPER

Willgoose, Carl E. Health Education in the Elementary School. Philadelphia: Saunders, 1964. 369 pp. $7.25.
E Dedicated to the principle that the classroom teacher is the key to improving child health in the school. Provides information to help in planning, carrying out, and evaluating health teaching. AAHPER

371.9 DISADVANTAGED, EXCEPTIONAL CHILDREN, DESEGREGATION, AND NEGROES

All the Way Home. Film. 57-1/2 min., sound, b & w, $150; rental, small fee. Anti-Defamation League of B'nai B'rith.
S Challenges the viewer to decide his responsibility in the problem of housing. PR&R

Anderson, Margaret. Children of the South. New York: Farrar, 1966. 208 pp. $4.95.
ES An objective, yet readable and moving, account of the impact of school desegregation. Author is high school teacher and guidance counselor. AASL

Barbe, Walter B., editor. Psychology and Education of the Gifted: Selected Readings. New York: Appleton, 1965. 534 pp. $4.50.
ES Includes philosophical presentations, discussions of particular points of view, reviews of literature on specific topics, and significant research reports. Materials on creativity, originality, nonintellectual factors of giftedness, and measurement and encouragement of giftedness. CEC

Chalfant, James C. Factors Related to Special Education Services. Research Monograph B3. Washington, D.C.: Council for Exceptional Children, NEA, 1967. 80 pp. $2.
ES The economic and demographic factors underlying public school provisions for exceptional children in Illinois. CEC

Children Without. Film. 30 min., sound, b & w, $35. Charles Guggenheim Productions. NEA, Division of Press, Radio, and Television Relations, 1964.
ES Teacher and entire staff of an urban school provide warm relationships basic to positive learning experiences. PR&R

Conrad, Earl. The Invention of the Negro. New York: Hill & Wang, 1966. 244 pp. $5.95.
ES Describes how the "white overworld designed, shaped, and, indeed, invented the Negro in the image and likeness of a second-class human being." PR&R

Corbin, Richard, and others. Language Programs for the Disadvantaged. Champaign, Ill.: National Council of Teachers of English. 400 pp. $2.95.

ES An NCTE Task Force report on visits to more than 200 projects for disadvantaged learners. Includes recommendations for future programs, preschool through adult. NCTE

*Cruickshank, William M., and Johnson, G. Orville, editors. Education of Exceptional Children and Youth. Second edition. Englewood Cliffs, N.J.: Prentice-Hall, 1967. 729 pp. $8.50.

ES Current educational and administrative practices for various areas of exceptionality as discussed by a panel of nine educators. Updates and expands material covered in the 1958 edition. CEC

Davis, Hallowell, and Silverman, S. Richard, editors. Hearing and Deafness. New York: Holt, 1960. 573 pp. $8.95.

ES Stresses particularly the physiology of and types of deafness. Also covers education and social and economic problems. CEC

*Dunn, Lloyd M., editor. Exceptional Children in the Schools. New York: Holt, 1963. 580 pp. $6.

ES Intended as a comprehensive overview for educators, an introduction for teachers planning to specialize in the field, and a reference for those outside education who are associated with school programs for exceptional children. Definitions, prevalence, identification, characteristics, educational procedures, and resources. CEC

*Eisenson, Jon, and Oglivie, Mardel. Speech Correction in the Schools. New York: Macmillan, 1963. 294 pp. $5.75.

ES For the classroom teacher and school speech correctionist. Practical material for remedial work. CEC

*Erdman, Robert L. Educable Retarded Children in Elementary Schools. Washington, D.C.: Council for Exceptional Children, NEA, 1965. 64 pp. $1.75.

E Contains suggestions for selection of children, organization of classes, curriculum, and programs. Provides guidelines for school administrators, consultants, and teachers. CEC

*Frierson, Edward C., and Barbe, Walter B., editors. Educating Children with Learning Disabilities: Selected Readings. New York: Appleton, 1967. 502 pp. $6.50.

ES Deals with the child who needs special education but does not qualify for instruction on the grounds of mental retardation, emotional disturbance, or visual, speech, or hearing impairment. First presents an overview of the subject; then discusses specialized approaches to learning disorders. Diagnostic procedures and educational treatment examined. CEC

*Gallagher, James J. Teaching the Gifted Child. Boston: Allyn & Bacon, 1964. 330 pp. $9.65.

ES Latest research synthesized and reported, using four hypothetical cases of gifted children. Curriculum approaches in arithmetic, social studies, and science. CEC

*Gallagher, James J., editor. Teaching Gifted Students: A Book of Readings. Boston: Allyn & Bacon, 1965. 326 pp. $6.60; text edition, $4.95.

ES Definition, identification, and characteristics; curriculum changes; teaching method changes; and special problems. Emphasis on classroom environment and teaching as opposed to administrative provisions. Intended as a supplement to the text, Teaching the Gifted Child, by Gallagher. CEC

Gallagher, James J.; Aschner, Mary Jane; and Jenne, William. Productive Thinking of Gifted Children in Classroom Interaction. Research Monograph B5. Washington, D.C.: Council for Exceptional Children, NEA, 1967. 140 pp. $2.

ES Relationships between the verbal expressions of gifted students and their attitudes, self-concepts, scores on tests measuring productive thinking, teacher's cognitive performance, and family environmental aspects. CEC

Greene, Mary Frances, and Ryan, Orletta. The Schoolchildren: Growing Up in the Slums. New York: Pantheon, 1965. 227 pp. $4.95.

ES Realistic picture of daily life in two New York City public schools; authors are teachers. AASL

Goldberg, I. Ignacy. Selected Bibliography of Special Education. New York: Teachers College Press, 1967. 126 pp. $2.75.

ES Designed to provide professionals and students in exceptional child education with a listing of basic selected references in the various fields of specialization. CEC

Hellmuth, Jerome, editor. Educational Therapy. Vol. 1. Seattle: Special Child Publications, 1966. 468 pp. $10.

ES Refers to programs for children who need help. Aspects discussed include conceptual issues; principles of curriculum development; professional training (for researchers, physicians, and teachers); program development in communities, institutions, and public school settings; teaching methods; and program descriptions. CEC

Hellmuth, Jerome, editor. Learning Disorders. Vol. 1. Seattle: Special Child Publications, 1965. 406 pp. Illus. $10.

ES Includes discussions of neurological factors, motor generalizations, cultural asynchrony and contingency, diagnostic problems in child guidance, language disabilities, dyslexia, and classroom management. CEC

Hellmuth, Jerome, editor. Learning Disorders. Vol. 2. Seattle: Special Child Publications, 1966. 423 pp. $10.

ES Covers a wide range of aspects of learning disorders, including medical treatment, prescriptive team teaching, visual and reading problems, human frontal lobe function as related to learning disorders, neurological organization, and family relationships. CEC

Incident on Wilson Street. Film. 50 min., sound, b & w, rental, small fee. Anti-Defamation League of B'nai B'rith.
ES Documentary film depicting skilled and sympathetic teachers in a depressed section of a large city. PR&R

*Johnson, Doris J., and Myklebust, Helmer R. Learning Disabilities: Educational Principles and Practices. New York: Grune & Stratton, 1967. 336 pp. $9.75.
ES An approach to remediation which the authors call "clinical teaching." Psychoneurological emphasis, using concepts from biomedical engineering, psychology, neurology, psychiatry, education, and language pathology. CEC

Johnson, Wendell, and others. Speech-Handicapped School Children. Third edition. New York: Harper, 1967. 562 pp. $6.50.
ES Describes speech disorders, the conditions surrounding them, the work of the speech specialist, and the role of the classroom teacher in working with speech-defective children. SAA

*Kirk, Samuel A. Educating Exceptional Children. Boston: Houghton Mifflin, 1962. 415 pp. $6.50.
ES Designed as an introductory volume for special education students. Covers the various areas of exceptionality. Useful for general educators as well as classroom teachers. CEC

*Kirk, Samuel A., and Johnson, G. Orville. Educating the Retarded Child. Boston: Houghton Mifflin, 1951. 434 pp. $5.75.
ES Intended for students, teachers, supervisors, administrators, and psychologists. Presents and synthesizes information about the subject, develops programs of rehabilitation and instruction for retarded children, and describes teaching procedures used with these children. Both theory and practice. CEC

*Kirk, Samuel A., and Weiner, Bluma B., editors. Behavioral Research on Exceptional Children. Washington, D.C.: Council for Exceptional Children, NEA, 1963. 369 pp. $4.50.
ES Presents reviews of relevant studies in each major category of exceptionality. For each area, a description of the topic, the reviews of research, and a summary comment on the status of research. CEC

*Kolstoe, Oliver P., and Frey, Roger M. A High School Work-Study Program for Mentally Subnormal Students. Carbondale: Southern Illinois University, 1965. 179 pp. $5.
S A specific, detailed prescription for a four-year work-study program based on authors' experience in such a program. CEC

Knoblock, Peter, editor. Educational Programming for Emotionally Disturbed Children: The Decade Ahead. Syracuse, N.Y.: Division of Special Education and Rehabilitation, Syracuse University, 1965. 115 pp. Paper, $2.50.

ES Proceedings of the First Annual Conference on the Education of Emotionally Disturbed Children, held in 1965. Includes discussion of teacher-child communication, social phenomena in the urban classroom, intervention techniques for the teacher, and problems of the disturbed adolescent. CEC

Knoblock, Peter, editor. *Intervention Approaches in Educating Emotionally Disturbed Children.* Syracuse, N.Y.: Division of Special Education and Rehabilitation, Syracuse University, 1966. 128 pp. Paper, $2.50.

ES Proceedings of the Second Annual Conference on the Education of Emotionally Disturbed Children, held in 1966. Discusses attitudinal, philosophical, social, and professional aspects; the roles of the supportive workers—crisis teachers, consultants, administrators, and the psychoeducational team; and the role of the classroom teacher in working with the emotionally disturbed. CEC

Long, Nicholas J.; Morse, William C.; and Newman, Ruth G., editors. *Conflict in the Classroom: The Education of Emotionally Disturbed Children.* Belmont, Calif.: Wadsworth, 1965. 515 pp. $4.75.

ES Selections on topics such as the viewpoint of the emotionally disturbed person; identification, teaching, treatment, management, measurement of improvement, and interpretation of failure of disturbed children; programs and schools for such children; and research contributions to the field. CEC

Lord, F. E., and Isenberg, Robert M., editors. *Cooperative Programs in Special Education.* Washington, D.C.: Council for Exceptional Children and Department of Rural Education, NEA, 1964. 72 pp. $1.75.

ES Deals with the administrative problem of providing services for exceptional children in small school systems. Representative state and local plans in California, Illinois, Iowa, Michigan, Missouri, and New York. CEC

Loretan, Joseph O., and Umans, Shelley. *Teaching the Disadvantaged: New Curriculum Approaches.* New York: Teachers College Press, 1966. 242 pp. $6.50.

ES New curriculum guidelines and methods designed to develop the intellectual capacities of the disadvantaged child. EKNE, PR&R

McGinnis, Mildred A. *Aphasic Children: Identification and Education by the Association Method.* Washington, D.C.: Volta Bureau, 1963. 154 pp. $7.50.

ES Describes different types of aphasia and conditions which complicate diagnosis. Also includes a detailed description of the Association Method of teaching these children, including correlative programs. CEC

*Martinson, Ruth A., and Seagoe, May V. *The Abilities of Young Children.* Research Monograph B4. Washington, D.C.: Council for Exceptional Children, NEA, 1967. 66 pp. $2.

ES Describes assessment of children's products from a wide variety of topics in art, music, writing, social studies, and science. Experts' ratings of the quality in children's products compared for two groups with differing measured intelligence. Discusses problems in measuring creativity. CEC

A Morning with Jimmy. Film. 28 min., sound, b & w, $90; small rental fee. Anti-Defamation League of B'nai B'rith.

S Dramatizes the plight of the "dropout" and the vital role of the school in preventing dropping out through exposure to success stories. PR&R

*Morse, William C.; Cutler, Richard L.; and Fink, Albert H. Public School Classes for the Emotionally Handicapped: A Research Analysis. Washington, D.C.: Council for Exceptional Children, NEA, 1964. 142 pp. $2.50.

ES Presents descriptions of existing conditions in classes for the emotionally disturbed, as seen by teachers, pupils, administrators, and site visitors. Data on past and future status of the children, with selected probing of program effects. CEC

Myklebust, Helmer R. Development and Disorders of Written Language. Vol. I: Picture Story Language Test. New York: Grune & Stratton, 1965. 278 pp. Illus. $7.75.

ES An attempt to provide a standardized procedure for appraising normal facility with, and studying, diagnosing, and categorizing disorders of, the written word. Instructions for use of the Picture Story Language Test, and material on its validity and reliability. CEC

Myklebust, Helmer R. The Psychology of Deafness: Sensory Deprivation, Learning, and Adjustment. Second edition. New York: Grune & Stratton, 1964. 423 pp. $7.75.

ES Intended as a textbook for advanced courses in audiology, language pathology, deaf education, and psychology. Information on the nature and extent of deafness, psychological processes, language and other handicaps, and special abilities and aptitudes. CEC

NEA-PR&R Committee on Civil and Human Rights of Educators. As The Child Reads .... Washington, D.C.: the Committee, 1967. 16 pp. 50 cents.

ES A report on the Fourth National NEA-PR&R Conference on Civil and Human Rights in Education—the treatment of minorities in textbooks and other teaching materials. PR&R

NEA-PR&R Committee on Civil and Human Rights of Educators. A Bibliography of Multi-Ethnic Textbooks and Supplementary Materials. Washington, D.C.: the Committee, 1966. 16 pp. Single copy free.

ES Four hundred entries of materials and publishers. PR&R

NEA-PR&R Committee on Civil and Human Rights of Educators. Faculty Desegregation. Washington, D.C.: the Committee, 1966. 24 pp. Single copy free.

ES Designed to provide the information and inspiration needed to involve the organized teaching profession at the state and local levels in helping school officials to comply with the law by formulating and creating significant and educationally effective plans and procedures for desegregation of faculties. PR&R

NEA-PR&R Committee on Civil and Human Rights of Educators. The Negro American in Paperback: A Selected List of Paperbound Books Compiled and Annotated for Secondary School Students. Washington, D.C.: NEA, 1967. 28 pp. 35 cents.

S A useful guide to the teacher, student, and librarian who may have a limited background of information on the role and contributions of Negro Americans to the American way of life. PR&R

NEA-PR&R Committee on Civil and Human Rights of Educators. Second National NEA-PR&R Conference on Civil and Human Rights in Education—Equality of Educational Opportunity. Washington, D.C.: NEA, 1965. 24 pp. Single copy free.

ES An effort to clarify the responsibilities of the education profession for advancing civil rights and the obligations of the civil rights movement participants for making practical, constructive proposals to help educators to meet their responsibilities. PR&R

NEA-PR&R Committee on Civil and Human Rights of Educators. Las Voces Nuevas del Sudoeste. Washington, D.C.: the Committee, 1967. 20 pp. 50 cents.

ES A report on the Third National NEA-PR&R Conference on Civil and Human Rights in Education—the Spanish-speaking child in the schools of the Southwest. PR&R

*Passow, A. Harry; Goldberg, Miriam L.; and Tannenbaum, Abraham, editors. Education of the Disadvantaged: A Book of Readings. New York: Holt, 1967. 503 pp. $7.95.

ES Thirty-one research-based articles by sociologists, educators, psychologists, and teachers. Cover such topics as techniques, strategies, and devices for teaching the disadvantaged, as well as the nature and causes of the disadvantaged learner. CEC

Rafe: Developing Giftedness in the Educationally Disadvantaged. Film. 20 min., sound, color, $225. Jarvis Couillard Associates, 1966. Distributed by Bailey Films.

ES A gifted educationally disadvantaged child observed in three environments: home, school, and neighborhood. Open-ended and designed to lead its audience into discussion. Intended to provide a stimulus for action toward establishing adequate programs to care for children like Rafe. APGA

Riessman, Frank. The Culturally Deprived Child. New York: Harper, 1962. 140 pp. $3.95.
E A summary of research on the culturally deprived child which is "a landmark in the application of social science principles and understanding to the solution of problems in the everyday world." Considers interest in education, the significance of the family unit, the slow gifted child, the question of whether the culturally deprived are in fact nonverbal, and what constitutes effective teachers and programs for these children. EKNE, NIP

Rutledge, Aaron L., and Gass, Gertrude D. Zemon. Nineteen Negro Men: Personality and Manpower Retraining. San Francisco: Jossey-Bass, 1967. 109 pp. $5.50.
S A clinical analysis of nineteen disadvantaged Negro men, described as "hard-core unemployed." PR&R

Sarratt, Reed. The Ordeal of Desegregation: The 1st Decade. New York: Harper, 1966. 374 pp. $7.50.
S Focuses on groups such as lawmakers, interpreters and enforcers, and schoolmen. Reveals that those in power have been predominantly reflectors, rather than creators, of public attitudes. PR&R

Strom, Robert D. Teaching in the Slum School. Columbus, Ohio: Merrill, 1965. 126 pp. Cloth, $3.95; paper, $1.95.
ES Describes successful methods for teaching the disadvantaged. NIP, PR&R

*Taba, Hilda, and Elkins, Deborah. Teaching Strategies for the Culturally Disadvantaged. Chicago: Rand McNally, 1966. 295 pp. $7.
ES One of the best of recent books in this category. Presents in detail two sets of teaching and learning sequences taught successfully to culturally deprived sixth-, seventh-, and eighth-grade students in metropolitan areas. Discusses diagnosis, use of literature, and evaluation. NCTE, EKNE

United States Commission on Civil Rights. Racial Isolation in the Public Schools. 2 Vols. Washington, D.C.: G.P.O., 1967. 276 pp. $1.
ES Special report to the President on the problem of racial imbalance or de facto segregation in public schools. Contains recommended steps to correct imbalance. PR&R

Van Riper, Charles. Speech Correction: Principles and Methods. Fourth edition. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 434 pp. $8.50.
ES A practical text dealing with the diagnosis and treatment of communicative disorders in both children and adults. CEC

Van Riper, Charles, editor. Foundations of Speech Pathology. 14 Vols. Englewood Cliffs, N.J.: Prentice-Hall, 1964. $4.95 each.

ES A series of hardcover books by some of the most prominent specialists in speech, hearing, and communications disorders. Designed for use either as separate, complete items or as units in a selective pattern. CEC

Ward, Virgil S. Educating the Gifted: An Axiomatic Approach. Columbus, Ohio: Merrill, 1961. 240 pp. $5.95.
ES Presents a systematic theory of differential educational experience for the gifted, from the intermediate grades through college. Emphasizes the quality of the educational experience rather than administrative arrangements. CEC

Ward, Winifred. Playmaking with Children. Revised edition. New York: Appleton, 1957. 341 pp. Illus. $4.25.
E Gives basic principles of creative drama. Contains wealth of material. SAA

Webster, Staten W., editor. The Disadvantaged Learner: Knowing, Understanding, Educating. San Francisco: Chandler, 1966. 644 pp. $7.50.
ES Seventy-three articles. Provides a background for understanding and dealing with the educational problems of the disadvantaged. PR&R

Welsch, Erwin K. The Negro in the United States: A Research Guide. Bloomington: Indiana University, 1965. 44 pp. Cloth, $5; paper, $1.85.
ES An annotated guide and review of principal sources for study of the American Negro. PR&R

372 ELEMENTARY EDUCATION

Almy, Millie Corinne; Chittenden, E.; and Miller, Paula. Young Children's Thinking: Studies of Some Aspects of Piaget's Theory. New York: Teachers College Press, 1966. 153 pp. Cloth, $5.25; paper, $2.75.
E A report of two studies dealing with the thought processes children display when faced with problems involving the concepts of conservation described by Piaget. EKNE

*Applegate, Mauree. Easy in English. Evanston, Ill.: Harper, 1960. 564 pp. $7.50.
E A wealth of suggestions for interesting children in reading, writing, speaking, and listening. ACEI, EKNE, NCTE

Ashton-Warner, Sylvia. Teacher. New York: Simon and Schuster, 1963. 224 pp. Cloth, $5.95; paper, $1.95.
E An unorthodox, highly readable account of a talented teacher's way of working with "disadvantaged" children. ACEI, NIP

Berson, Minnie Perrin. Kindergarten: Your Child's Big Step. New York: Dutton, 1959. 125 pp. $3.50.

E A helpful guide for parents who want to participate in the mental, emotional, and social adventure of their child's year in kindergarten. EKNE

Bouwsma, Ward D.; Corle, Clyde G.; and Clemson, Davis F., Jr. Basic Mathematics for Elementary Teachers. New York: Ronald, 1967. 342 pp. $7.

E Has as its unifying theme the repeated extension of the universal set of numbers from the natural numbers to the integers to the rationals and finally to the reals. Stress is on the basic laws of arithmetic with each extension. For prospective and in-service elementary mathematics teachers. NCTM

Burgess, Evangeline. Values in Early Childhood Education. Revised edition. Washington, D.C.: NEA Department of Elementary-Kindergarten-Nursery Education, 1965. 96 pp. $1.50.

E A compendium which samples research on early childhood education. EKNE

Burrow, Alvina Treut, and others. They All Want To Write. Third edition. New York: Holt, 1964. 281 pp. $2.75.

ES Focuses on ways of teaching children to write well and to enjoy writing. EKNE

Caswell, Hollis L., and Foshay, Arthur W. Education in the Elementary School. Third edition. New York: American Book Co., 1957.

E 430 pp. $6.

View of major problems and analysis aids for student teachers. DESP

Chase, W. Linwood. A Guide for the Elementary Social Studies Teacher. Boston: Allyn & Bacon, 1966. 234 pp. Paper, $6.60.

E Emphasizes practices rather than theory. Demonstrates clearly what should be happening in the classroom and how desired effects can be achieved. Questions uniform practices. Stresses individual differences with many specific suggestions for individualization of learning tasks. NCSS

*Cole, Natalie Robinson. Children's Arts from Deep Down Inside. New York: Day, 1966. 210 pp. Illus. $5.95.

E Reveals author's insights into teaching the arts to children from many backgrounds. Includes many samples of children's work, along with practical suggestions for teachers. ACEI

*Crosby, Muriel. Curriculum Development for Elementary Schools in a Changing Society. Boston: D.C. Heath, 1964. 409 pp. $5.95.

E Presents a curriculum design based on the human relations needs of children in society today. Chapters on language arts, social studies, science, arithmetic, health, and the arts. Includes illustrations from successful programs in progress in schools. NCTE

Fay, Leo; Horn, Thomas; and McCullough, Constance. Improving Reading in the Elementary Social Studies. Bulletin No. 33. Washington, D.C.: National Council for the Social Studies, NEA, 1961. 72 pp. Paper, $1.50.

E Organized around questions which represent some of the greatest concerns teachers have about reading in the social studies programs. Designed to provide the elementary teacher with practical assistance. NCSS

*Frazier, Alexander, editor. New Directions in Elementary English. Champaign, Ill.: National Council of Teachers of English, 1966. 221 pp. $3.50.

E Exceptional, up-to-date collection of papers on literature, language, and composition prepared by specialists and scholars for 1966 NCTE institutes for elementary teachers. Covers all important aspects of the language arts. NCTE

Heffernan, Helen, and Todd, Vivian Edmiston. The Kindergarten Teacher. Boston: Heath, 1960. 419 pp. $5.75.

E Describes the nature of kindergarten children and effective ways of working with them. EKNE

Herrick, Virgil, and Jacobs, Leland, editors. Children and the Language Arts. Englewood Cliffs, N.J.: Prentice-Hall, 1955. 552 pp. $7.95.

E Eighteen contributors, including scholars and school consultants. Articles on the content and teaching of English in the elementary school and on organizing language arts programs. NCTE

*Hill, Wilhelmina. Unit Planning and Teaching in Elementary Social Studies. U.S. Office of Education Bulletin No. 23. Washington, D.C.: G.P.O., 1963. 82 pp. 45 cents.

E Specific units and how they can be organized and used by teachers planning and implementing programs in the elementary social studies. NCSS

*Huck, Charlotte S., and Kuhn, Doris Young. Children's Literature in the Elementary School. Second edition. New York: Holt, 1968.

E Based on author's extensive knowledge of child development and children's literature. Discusses planning a reading environment, helping children interpret literature, and organizing literature programs. NCTE

*Huus, Helen. Children's Books To Enrich the Social Studies for the Elementary Grades. Bulletin No. 32. Washington, D.C.: National Council for the Social Studies, NEA, 1962. 196 pp. $2.50.

E A bibliography of supplementary books for the elementary grades, organized by topics: Our World, Times Past, People Today, The World's Work, and Living Together. Author and title index. NCSS

Jarolimek, John. Social Studies in Elementary Education. New York: Macmillan, 1967. 464 pp. $7.95.

E Presents preservice and in-service teachers with basic principles, ideas, and procedures which lead to sound instructional practices in teaching social studies at the elementary school level. NCSS

Jarolimek, John, and Walsh, Haver M., editors. Reading for Social Studies in Elementary Education. New York: Macmillan, 1965. 481 pp. $3.95.

E Good selection of readings which represent most current schools of thought. Useful as pre- or in-service text. EKNE, NCSS

Joyce, Bruce R. Strategies for Elementary Social Science Education. Chicago: Science Research Associates, 1965. 302 pp. $5.25.

E Compact text for preservice teachers, including well-developed rationale for newer approaches. Stresses conceptual approach and use of social sciences. NCSS

*Keesee, Elizabeth. Modern Foreign Languages in the Elementary School: Teaching Techniques. U.S. Department of Health, Education, and Welfare. Office of Education, Bulletin No. 29. Washington, D.C.: G.P.O., 1963. 65 pp. 45 cents.

E Describes a variety of teaching techniques now in use and contains examples of types of materials that have been developed for the elementary school classroom. DFL

Kohl, Herbert R. Teaching the "Unteachable." New York: New York Review, 1967. 64 pp. $1 per copy; 10 or more copies, 80 cents.

ES A potent piece of writing by a talented teacher about his work with "remote, resistant children in a Harlem school." ACEI

Lee, J. Murray, and Lee, Dorris May. The Child and His Curriculum. New York: Appleton, 1960. 596 pp. $6.50.

E Written for the teacher who is interested in the child of elementary school age and in the curriculum best suited to that child. EKNE

Lewis, Gertrude. The Evaluation of Teaching. Washington, D.C.: Department of Elementary-Kindergarten-Nursery Education, NEA, 1966. 96 pp. $1.50.

E Prepared for classroom teachers concerned with recent research and opinion in answer to the question: What is good teaching? EKNE

McLendon, Jonathan C., and Lee, John R. Readings on Elementary Social Studies, Prologue to Change. Boston: Allyn & Bacon, 1965. 447 pp. Paper, $5.95; text edition, $4.50.

E Selected readings on a wide variety of topics, including purposes, philosophy, relation of social studies to the social sciences, methods, techniques, sources of materials, skills, and professional improvement. NCSS

Michaelis, John U. Social Studies for Children in a Democracy. Third edition. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 620 pp. $8.55.

E A synthesis of principles and procedures relating to the planning and development of experiences in the social studies. EKNE, NCSS

Michaelis, John U., editor. Social Studies in Elementary Schools. Thirty-Second Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1963. 344 pp. Cloth, $5; paper, $4.

E Designed to serve as a guide for improving the elementary school social studies program and to clarify issues and problems. Sets forth basic principles and recommendations coupled with practical procedures for such improvements. NCSS

National School Public Relations Association in cooperation with the Department of Elementary School Principals, NEA. How To Help your Child Learn: A Handbook for Parents of Children in Kindergarten Through Grade 6. Washington, D.C.: the Association, 1960. 40 pp. 75 cents.

E Tells why the parent is important and how he can help as his child progresses from kindergarten through the sixth grade. NSPRA

Ogilvie, Mardel. Speech in the Elementary School. New York: McGraw-Hill, 1954. 317 pp. $6.50.

E Covers varied aspects such as informal speech, creative drama, giving talks, oral reading, choral speaking, and speech improvement. SAA

Preston, Ralph C. Teaching Social Studies in the Elementary Schools. Revised edition. New York: Holt, 1958. 382 pp. $6.50.

E Contains a major section on the development of units, with examples. Also considers the teaching of skills and evaluation. Useful appendices of teaching materials and sources. NCSS

Ragan, William B. Modern Elementary Curriculum. Third edition. New York: Holt, 1966 544 pp. $8.50.

E Takes the view that the curriculum consists of the actual experiences of children for which the school accepts responsibility. EKNE

Read, Katherine H. The Nursery School: A Human Relationships Laboratory. Fourth edition. Philadelphia: Saunders, 1966. 371 pp. Illus. $5.25.

E A useful book containing practical suggestions for teachers of nursery-aged children. ACEI

Reynolds, Robert W., and others. Guiding Children Through the Social Studies. Washington, D.C.: Department of Elementary-Kindergarten-Nursery Education, NEA, 1964. 35 pp. $1.

E Presents a perspective for the social studies designed to enable teachers to discern coherence, continuity, and preciseness in the study of human affairs. NCSS

Richardson, Sybil, and others. Prevention of Failure. Washington, D.C.: Department of Elementary-Kindergarten-Nursery Education, NEA. 95 pp. $1.

E Takes the position that the school, through focusing its efforts on the systematic prevention of failure, can make a significant difference in the future of children. EKNE

Russell, David H. Children's Thinking. Waltham, Mass.: Ginn, 1956. 449 pp. $8.50.

ES A readable and comprehensive book for teachers. Concentrates on maturation of intellectual processes and relates the findings of research in child development and educational psychology to the classroom. Includes chapter on teaching and improving critical thinking. NCTE

Servey, Richard E. Social Studies Instruction in the Elementary School. Chicago: Science Research Associates, 1967. 500 pp. $8.

E Basal text designed to introduce teaching practices in elementary social studies. Covers objectives in teaching social studies, the controversial nature of social studies, and the need for improvement of children's ability in various skills. NCSS

Smith, James A. Creative Teaching of the Social Studies in the Elementary School. Boston: Allyn & Bacon, 1967. 281 pp. $5.30; text edition, $3.95.

E Designed for both methods and curriculum courses. Stresses methods of teaching social studies best suited to the development of creativity. NCSS

White, Alicen. A Bouquet of Poems. East Orange, N.J.: Triad, 1966. 60 pp. Illus. $2.

E Simple introduction to choral speaking using poems of proven popularity with young children. ACEI

Willcockson, Mary, editor. Social Education of Young Children: Kindergarten-Primary Grades. Revised edition. Curriculum Series No. 4. Washington, D.C.: National Council for the Social Studies, NEA, 1956. 156 pp. $2.

E Identifies major problems at primary level and reports descriptions of practices in a number of school systems. NCSS

372.4 READING

*Aaron, Ira E.; Callaway, Byron; and Olson, Arthur V. Conducting In-Service Programs in Reading. Newark, Del.: International Reading Association, 1965. 46 pp. $1.25.

ES Insightful treatment of the problems inherent in in-service programs, and discussion of the means by which schools can develop new in-service programs in reading. IRA

*Bond, Guy L., and Wagner, Eva Bond. Teaching the Child To Read. Fourth edition. New York: Macmillan, 1966. 404 pp. $6.95.

E A well-organized textbook, appropriate for use both in reading methods courses and as a guide to in-service teachers. Links theoretical principles to sound practices. Not only develops basic skills in reading, but also gives attention to the remedial phase, the personal or pleasure phase, and to reading in the content areas. IRA

*Carlsen, G. Robert. Books and the Teen-Age Reader. New York: Bantam, 1967. 218 pp. 60 cents.

S A useful guide to the books being read by teen-agers for teachers, librarians, and parents. Treats the various types of materials in sensible, open-minded fashion. EKNE, NCTE

*DeHirsch, Katrina; Jansky, Jeannette J.; and Langsford, William S. Predicting Reading Failure. New York: Harper, 1966. 144 pp. $5.95.

E Reports two preliminary studies on predicting reading disabilities of pre-first grade children. Suggests that some children of normal intelligence may have difficulty learning to read because of neurophysiological immaturity and, further, that such children may be identified before the first grade by a series of selected tests. A pre-formal reading program for such children is suggested. IRA

*Durkin, Dolores. Children Who Read Early. New York: Teachers College Press, 1966. $4.25.

E Reports longitudinal studies of children who learned to read before attending school. Valuable in its analysis of the personal and family characteristics of early readers. IRA

Durkin, Dolores. Phonics and the Teaching of Reading. Second edition. New York: Teachers College Press, 1965. 100 pp. Paper, $1.25.

E Features skill in phonics as a goal to be achieved in elementary school reading programs and as an important tool in word identification. Recommends the use of a whole-word approach during the first steps of reading instruction and then proceeds to develop the importance of phonetic analysis as an aid in achieving independence in word identification. EKNE

Durr, William K., editor. Reading Instruction: Dimensions and Issues. Boston: Houghton Mifflin, 1967. 359 pp. Paper, $4.25.

E A collection of articles organized under headings such as Readiness, Artificial Orthographies, Critical Reading, The Disadvantaged Child, Perception, and Linguistics. Presents a good balance of established practice and experimental trends. Useful for updating information in this rapidly changing field. Many useful bibliographies for pursuing further topics of interest. ACEI

Fries, Charles C. Linguistics and Reading. New York: Holt, 1963. 265 pp. $5.
E Explores relationship between linguistic research and reading instruction. Chapter 2, "Linguistics: The Study of Language," reprinted separately (Holt, $1.50), gives readable overview of developments in linguistics from 1820 to 1960.

Gans, Roma. Common Sense in Teaching Reading. Indianapolis: Bobbs-Merrill, 1963. 298 pp. $4.
E Discusses a child's learning to read in home and school settings and the extent to which common practices in these settings are consistent with the aim to educate him as a literate citizen. EKNE

*Harris, Albert J. Effective Teaching of Reading. New York: McKay, 1962. 387 pp. $5.
E Especially useful for the beginning teacher who has not had a course in the teaching of reading. IRA

Heilman, Arthur W. Principles and Practices of Teaching Reading. Second edition. Columbus, Ohio: Merrill, 1967. 562 pp. $7.50.
E A comprehensive treatment of all aspects of reading instruction in the elementary school, updated from an earlier edition by addition of chapters on beginning reading, individualized reading, linguistics, and study skills. ACEI

*Johnson, Marjorie S., and Kress, Roy. Corrective Reading in the Elementary Classroom. Newark, Del.: International Reading Association, 1967. 139 pp. $2.50.
E A collection of valuable chapters by specialists in corrective reading who examine the problem from various points of view. IRA

*Johnson, Marjorie S., and Kress, Roy A. Informal Reading Inventories. Newark, Del.: International Reading Association, 1965. 44 pp. $1.25.
ES A service bulletin giving clear and specific help for developing and using informal reading inventories in the diagnostic teaching of reading. IRA

*Karlin, Robert. Teaching Reading in High School. Indianapolis: Bobbs-Merrill, 1964. 301 pp. $6.
S Presents in detail methods which can be used in a variety of reading situations in high school. IRA

*Kerfoot, James F., editor. First Grade Reading Programs. Newark, Del.: International Reading Association, 1965. 185 pp. $2.50.

E Descriptions of the many approaches now being used to teach reading in the first grade. Provides many points of view without taking sides. IRA

Otto, Wayne, and McMenemy, Richard A. Corrective and Remedial Teaching: Principles and Practices. Boston: Houghton Mifflin, 1966. 377 pp. $6.

E Considers the areas of reading, spelling, handwriting, arithmetic, and written and oral expression. Written for the classroom teacher. IRA

Reading Development in the Secondary School. Film. 20 min. $160. Learning Through Seeing, P.O. Box 368, Sunland, Calif. 91040.

S Shows varied ways of using the many kinds of reading materials. Student discussion groups and allied instructional methods presented in workable, effective combinations which can be accomplished in the average secondary classroom environment. IRA

Reading Maps. Film. 11 min., color, $120; b & w, $60. Encyclopaedia Britannica Films.

ES A young boy learns about the use of maps in following roads and locating various places. IRA

*Reeves, Ruth. The Teaching of Reading in Our Schools. New York: Macmillan, 1966. 120 pp. $1.95. (Also available from National Council of Teachers of English.)

ES Introduction to newest trends for parents and teachers. Discusses readiness, essential skills, reading literature, reading programs in general. EKNE, NCTE

*Robinson, H. Alan, and Rauch, Sidney J., editors. Corrective Reading in the High School Classroom. Newark, Del.: International Reading Association. 135 pp. $2.50.

S Designed for the high school teacher who suspects that his students' difficulties are related to reading ability, but does not know how to overcome the problem. IRA

Smith, Nila B. Reading Instruction for Today's Children. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 594 pp. Illus. $8.25.

S An invaluable combination of research findings and practical suggestions about every aspect of the teaching of reading, presented in vivid, teacher-to-teacher anecdotes. Unusually good index. EKNE

*Smith, Nila Banton. American Reading Instruction. Newark, Del.: International Reading Association, 1965. 449 pp. $4.95.

ES An historical study of reading instruction in the United States, tracing the methods and materials used at various times. Indispensable for obtaining a perspective of reading instruction. IRA

Spache, George D., and Berg, Paul C. The Art of Efficient Reading. Second edition. New York: Macmillan, 1966. 323 pp. Paper, $3.25.

S Contains exercises to develop rate and flexibility, vocabulary, and reading skills necessary for successful reading. For use in college or high school reading programs. IRA

*Staiger, Ralph, and Sohn, David, editors. New Directions in Reading. New York: Bantam, 1967. 246 pp. Paper, 95 cents.

ES Includes articles on many aspects of reading. Designed for parents and the general reader. May be useful to the teacher in dealing with the public. IRA

*Strang, Ruth. Diagnostic Teaching of Reading. New York: McGraw-Hill, 1964. 314 pp. Illus. $6.95.

ES A positive approach to reading instruction. Emphasizes that the teacher start by obtaining an understanding of the student's strengths and attitudes and take constructive steps to do something about them. IRA

*Strang, Ruth; McCullough, C. M.; and Traxler, Arthur E. The Improvement of Reading. Fourth edition. New York: McGraw-Hill, 1967. 564 pp. $7.50.

ES Presents a comprehensive view of reading instruction from early years to maturity. Particularly useful to teachers in secondary schools. Extensive bibliographies. ACEI, EKNE

Teaching Reading in Secondary Schools. Ten films, from 11 to 22 minutes each. Complete set, $8. Available separately. Syracuse University Films, 1455 E. Calvin St., Syracuse, N.Y. 13210.

S A series directed to secondary school teachers. Focuses on developing reading skills in content areas. Discusses development of vocabulary, comprehension, and study skills; analysis of reading achievement; proper use of sources; organization of instruction. With accompanying manuals, can be used as an in-service course. IRA

They All Learn To Read. Film. 22 min., b & w, $135. International Film Bureau, 332 S. Michigan Avenue, Chicago, Ill. 60604.

S Shows a class in which a teacher provides effective reading instruction by evaluating each child's reading ability, dividing the class into four groups on the basis of reading ability, and then teaching each group at its own level and speed, using reading materials that interest each group. IRA

Veatch, Jeanette, and Acinapuro, Philip. Reading in the Elementary School. New York: Ronald, 1966. 535 pp. $7.

E Contains many soundly conceived suggestions for individualizing reading instruction. Closely related to speaking, listening, and writing. ACEI, EKNE

What's in a Story? Film. 14 min., color, $160; b & w, $80. Film Associates of California, 11014 Santa Monica Blvd., Los Angeles, Calif. 90025.

E Uses the fable of "The Milkmaid and her Pail" and James Thurber's "The Unicorn in the Garden" to investigate what a story may tell us. Teaches child to look beneath the plot of a story for some of the things its author may be saying. IRA

Why Can't Jimmy Read? Film. 15 min., b & w, $95. Syracuse University Films, 1455 E. Calvin St., Syracuse, N.Y. 13210.

E The story of a nine-year-old boy's reading difficulties. Shows typical procedures used in diagnosing reading problems and emphasizes the valuable services that can be performed when a reading specialist works with parents and teachers. IRA

Witty, Paul A.; Freeland, Alma Moore; and Grotberg, Edith H. The Teaching of Reading: A Developmental Process. Boston: Heath, 1966. 435 pp. $7.20.

ES Describes a reading program from beginning reading through programs for college students. Emphasizes the developmental nature of reading, the importance of interest, and concern for the individual and highlights the role of the effective teacher as the key to the successful reading program. EKNE, IRA

373 SECONDARY EDUCATION

Broudy, Harry S.; Smith, B. Othanel; and Burnett, Joe R. Democracy and Excellence in American Secondary Education. New York: Rand McNally, 1964. 302 pp. $5.

S The outgrowth of a year of meetings concerning curriculum procedures of modern education. Stresses social, logical, and psychological demands made on the secondary school curriculum. NASSP

Conant, James B. The Comprehensive High School: A Second Report to Interested Citizens. New York: McGraw-Hill, 1967. 95 pp. Cloth, $3.95; paper, $1.95.

S A second look by Mr. Conant a decade after his first study of the American high school. Discusses improvements and details the still existing inadequacies. NASSP

Draper, Dale C. Educating for Work. Washington, D.C.: National Association of Secondary School Principals, NEA, 1967. 115 pp. $2.

S Reports the findings of a study made for NASSP on the current scene in vocational education. NASSP

*Herber, Harold, editor. Developing Study Skills in Secondary Schools. Newark, Del.: International Reading Association, 1965. 169 pp. Illus. $2.50.

S Provides the how as well as the why of teaching study skills. IRA

Krug, Edward A. The Shaping of the American High School. New York: Harper, 1964. 486 pp. $8.
S The major events, personalities, personal efforts, agencies, circumstances, and forces that brought the American high school into being and projected it into the position it now holds. NASSP

Ovard, Glen F. Administration of the Changing Secondary School. New York: Macmillan, 1966. 531 pp. $7.95.
S One of the few current texts on secondary school administration that gives full attention to administrative theory as well as practice. NASSP

Patterson, Franklin. High Schools for a Free Society: Education for Citizenship in American Secondary Schools. New York: Free Press, 1960. 93 pp. Paper, $1.
S Grew out of a study conducted by the Tufts Center in 1958-59. NASSP

Schrag, Peter. Voices in the Classroom. Boston: Beacon, 1965. 292 pp. $5.95.
ES A compelling picture of American schools. States problems for all to understand. NASSP

Van Til, William, and others. Modern Education for the Junior High School Years. Indianapolis: Bobbs-Merrill, 1961. $6.50.
S Detailed descriptions of teaching methods and specific sections dealing with content of specialized subject matter areas, including homemaking. NASSP

400 LANGUAGE

*Brooks, Nelson. Language and Language Learning: Theory and Practice. Second edition. New York: Harcourt, 1964. 300 pp. $4.50.
S Textbook on the philosophy and methodology of modern foreign language teaching. Discusses the theory and practice of the audiolingual approach to language learning. DFL

Cadoux, Remunda, and Struth, Johann. German for Secondary Schools: Content and Organization for 4- and 6-Year Sequences. Albany, N.Y.: State Education Department, 1961. 182 pp. $1.50.
S A series of guides for secondary school curriculums with descriptions of specific procedures to be followed. DFL

*Cornfield, Ruth R. Foreign Language Instruction, Dimensions and Horizons. New York: Appleton, 1966. 183 pp. $3.95.
S A thorough, clear exposition of modern methods of foreign language instruction. Good for the beginning teacher of foreign languages. DFL

Hayes, Alfred S. Language Laboratory Facilities: Technical Guide for Purchase, Use, and Maintenance. U.S. Department of Health, Education, and Welfare, Office of Education Bulletin No. 21024. Washington, D.C.: G.P.O., 1963. 119 pp. 50 cents.
S Suggestions to assist in effective planning, selection, installation, and operation of language laboratory facilties. DFL

Lado, Robert. Language Teaching: A Scientific Approach. New York: McGraw-Hill, 1964. 239 pp. $5.95.
S Methods of teaching modern foreign languages. Provides an introduction to major areas of concern for the language teacher. Includes a selective bibliography on language and language learning, language teaching, and technological aids and periodicals. DFL

Lado, Robert. Language Testing: The Construction and Use of Foreign Language Tests. New York: McGraw-Hill, 1964. 389 pp. $6.50.
S An exhaustive treatment of testing achievement in the four language skills. DFL

*Michel, Joseph, editor. Foreign Language Teaching: An Anthology. New York: Macmillan, 1967. 404 pp. $6.50.
ES Nineteen essays, articles, and reports on important issues in foreign language teaching today by well-known and respected people in this field. Selections range from theories of language learning and teaching to practical aspects of the foreign language classroom. DFL

*Modern Language Association. Selective List of Materials for Use by Teachers of Modern Foreign Languages in Elementary and Secondary Schools. New York: the Association, 1962. 162 pp. $1.
French & Italian Supplement, 1965. 78 pp. 75 cents.
Spanish & Portuguese Supplement, 1965. 60 pp. 75 cents.
ES An evaluation of books, films, tapes, etc., in 10 languages by teachers of languages. Also includes selective and annotated bibliographies of materials about six cultures. DFL

Moulton, William G. A Linguistic Guide to Language Learning. New York: Modern Language Association, 1966. 144 pp. $1.50.
ES A simple, direct introduction to the principles of language and contrastive linguistics. Excellent for a teacher new to the field of modern foreign language teaching theory. DFL

Northeast Conference on the Teaching of Foreign Languages. Northeast Conference Reports. New York: Modern Language Association, annually. $2.50.
ES Reports of the working committees of the Conference on issues of importance to members of the foreign language teaching profession today. DFL

Politzer, Robert L. Teaching French: An Introduction to Applied Linguistics. Second edition. Waltham, Mass.: Blaisdell, 1965. 181 pp. $4.

S A manual for using principles of applied linguistics in planning lessons for the teaching of French to native speakers of English. DFL

Politzer, Robert L., and Staubach, Charles N. Teaching Spanish: A Linguistic Orientation. Waltham, Mass.: Blaisdell, 1961. 136 pp. $4.50.

S A manual for using principles of applied linguistics in teaching Spanish to Americans. Includes some specific examples of contrastive analysis. DFL

Principles and Methods of Teaching a Second Language. 5 films. 30 min., 16mm, b & w. Modern Language Association Center for Applied Linguistics, 1961. Available from Teaching Film Custodians, Inc., 25 West 43d St., New York, N.Y. 10036.

Film 1. The Nature of Language
Film 2. The Sounds of Language
Film 3. The Organization of Language
Film 4. Words and Their Meanings
Film 5. Modern Techniques in Language Teaching

S Intended for preservice and in-service training of teachers. Meaningful discussion of applied linguistics and good classroom demonstrations. DFL

Rivers, Wilga M. The Psychologist and the Foreign Language Teacher. Chicago: University of Chicago, 1964. 212 pp. $4.

ES This book includes an examination of the basis for the audiolingual method, a discussion of modern learning theories, and some suggestions about foreign language teaching. DFL

Starr, Wilmarth H., and others, editors. Modern Foreign Languages and the Academically Talented Student. Washington, D.C.: National Education Association, 1960. 89 pp. $1.

S Contains a discussion of four-, six-, and ten-year sequences for all students of foreign languages, including the academically talented. DFL

To Speak with Friends. Film. 28 min., 16mm, b & w. U.S. Department of Health, Education, and Welfare, Office of Education, 1960. Available from DuArt Film Laboratories, Inc., 245 West 55th Street, New York, N.Y. 10019.

ES A brief survey of the recent developments in foreign language teaching from FLES to adult education. Foreign language classes in action at each level. Accompanying narrative. DFL

Allen, Harold B. Reading in Applied English Linguistics. Second edition. New York: Appleton, 1964. 535 pp. $4.50.

ES One of the most comprehensive collections of readings available. Includes 62 articles on historical backgrounds, dialect differences, usage, and application of linguistics to composition and literature. NCTE

*Baugh, Albert C. A History of the English Language. Second edition. New York: Appleton, 1957. 506 pp. $5.75.

ES Comprehensive history of British and American English, including a discussion of shifts in attitude toward language and language change. Specimens of English dialects and spellings in appendices. NCTE

Booth, Wayne C. The Rhetoric of Fiction. Chicago: University of Chicago, 1960. 455 pp. Cloth, $6.95; paper, $3.95.

S Discusses the technique of nondidactic fiction, viewed as the art of communicating with readers. Investigates authors' use of rhetorical resources in controlling readers. Includes major sections on "Artistic Purity and the Rhetoric of Fiction," "The Author's Voice in Fiction," and "Impersonal Narration." NCTE

*Braddock, Richard; Lloyd-Jones, Richard; and Schoer, Lowell. Research in Written Composition. Champaign, Ill.: National Council of Teachers of English, 1963. 142 pp. $2.50.

S Reports results of two-year study of research in written composition. Summarizes the present "State of Knowledge About Composition." Includes discussion of "classic" investigations and needed directions. NCTE

Burrows, Alvina Treut; Jackson, Dorris D.; and Saunders, Dorothy O. They All Want To Write: Written English in the Elementary School. Third edition. New York: Holt, 1964. 281 pp. $3.75.

E Offers a detailed description of a balanced writing program, including both practical and imaginative writing. Describes concrete methods tested successfully in the authors' classrooms. NCTE

*Carruthers, Robert B. Building Better English Tests. Champaign, Ill.: National Council of Teachers of English, 1963. 32 pp. $1.

S Contains chapters on planning tests, characteristics of effective tests, and constructing short answer and essay tests. NCTE

Commission on English Kinescopes. Films. 30 min., sound, b & w; loan, shipping costs (78 cents per film). Commission on English, 687 Boylston Street, Boston, Mass. 02116.

S A series of 14 kinescopes, each featuring a prominent scholar-teacher discussing some aspect of teaching literature, language, or composition. Topics include teaching poetry and biography; generative grammar; the speaking voice; composition and rhetoric; teaching composition and style; linguistic approach to rhetoric; using the overhead projector; and specific literary works. Texts (kinescripts) available separately from the Commission and the National Council of Teachers of English. NCTE

*Corbin, Richard. The Teaching of Writing in Our Schools. New York: Macmillan, 1966. 118 pp. $1.95. (Also available from National Council of Teachers of English.)

ES Introduces parents and teachers to the nature of speaking and writing and the methods of teaching writing generally accepted in better schools today. Discusses what children should be taught, how much writing should be done, marking and grading. EKNE, NCTE

*Dixon, John. Growth Through English. London: Bodley, 1967. 121 pp. Paper, $2.95. (Also available from National Council of Teachers of English and Modern Language Association.)

ES Report for the profession of the 1966 Anglo-American Seminar on the Teaching of English at Dartmouth College. Suggests a model for English teaching for grades K-12 based on recommendations of the majority of Dartmouth participants. Discusses implications of processes of language learning for classroom; examines in detail the place of oral language activities, and suggests ways of providing continuity and sequence. Outlines new proposals for preservice and in-service education. NCTE

English—Fact and Fancy. Film series. 30 min., b & w, $125 each; rental, $5.40. WETA-TV, Washington, D.C., for National Center for School and College Television, 1965. Available from Audio-Visual Center, Indiana University, Bloomington, Ind. 47401.

ES Fifteen films designed to improve teaching through treatment of the English language as a social and behavioral phenomenon. Linguist James C. Bostain distinguishes statements of fact from those of evaluation or exhortation; talking and writing systems; grammar and logic. Discusses competing phonetic, lexical, and syntactic conventions, plus other topics of value to teachers. Teacher's guides available. NCTE

Everetts, Eldonna L. Dimensions of Dialect. Champaign, Ill.: National Council of Teachers of English, 1967. 76 pp. $1.25.

ES Discusses implications of dialect differences. Includes a checklist of characteristics differentiating social class dialects and a unique bibliography of books written in English and other languages for bilingual children and those learning English as a second language. NCTE

*Folsom, Franklin. The Language Book. New York: Grosset & Dunlap, 1963. 201 pp. Illus. $7.

E Story of language from its beginning in other cultures to the present. Written for anyone from intermediate grades on up. Good introduction to study of language for adults. Based on accurate scholarship. NCTE

*Francis, W. Nelson. The English Language: An Introduction. New York: Norton, 1965. 273 pp. $3.50.
ES A scholarly and selective approach to the English language. Relates knowledge of language to its use in written composition. Includes chapters on grammar, history of English, vocabulary, speech and writing, and usage. NCTE

*Gibson, Walker. Tough, Sweet & Stuffy: An Essay on Modern Prose Styles. Bloomington: Indiana University, 1966. 179 pp. $4.50.
S An analysis of rhetorical techniques drawn from novels, essays, journalism, and advertising. Emphasizes the grammatical-rhetorical characteristics of style which reveal the "voice" or assumed personality of the author and imply the relationship between author and reader. NCTE

*Gleason, Henry A., Jr. Linguistics and English Grammar. New York: Holt, 1965. 519 pp. $9.95.
ES An historical introduction to the various English grammars; a thorough discussion of syntax and the relationship of grammar to the other aspects of the subject matter of English. Compares the different grammatical points of view, concentrating on generative grammar. NCTE

*Goldstein, Miriam B. The Teaching of Language in Our Schools. New York: Macmillan, 1966. 192 pp. $1.95. (Also available from National Council of Teachers of English.)
ES Introduction for parents and teachers. Discusses grammar, usage, literacy, and implications of recent trends in language teaching. EKNE, NCTE

Gordon, Edward J., and Noyes, Edward S. Essays on the Teaching of English. New York: Appleton, 1960. 356 pp. $4.50.
S Collection of papers from the Yale Conference on the Teaching of English, including essays by university scholars and by school teachers on the teaching of language, literature, and composition. NCTE

Gorrell, Robert M., editor. Rhetoric: Theories for Application. Champaign, Ill.: National Council of Teachers of English, 1967. 121 pp. $1.75.
S Fifteen papers selected from the rhetoric sequence of the 1964 NCTE convention in Cleveland. NCTE

*Guth, Hans P. English Today and Tomorrow. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 449 pp. $7.50.
S Reviews subject matter of English in detail. Discusses the teaching of English with respect to "objectives," "methods," "resources," and "professional status." NCTE

*Hall, Robert A., Jr. Sound and Spelling in English. Philadelphia: Chilton, 1961. 61 pp. $1. (Also available from National Council of Teachers of English.)

E Readable and useful pamphlet on the application of recent linguistic research to teaching spelling and reading. NCTE

*Hayakawa, S. I. Language in Thought and Action. Second edition. New York: Harcourt, 1964. 307 pp. Cloth, $5.25; paper, $2.95.

ES Deals exclusively with semantics. Presents "teachable" problems. Includes a selected bibliography for further reading. NCTE

Hogan, Robert F., editor. The English Language in the School Program. Champaign, Ill.: National Council of Teachers of English, 1966. 280 pp. $2.50.

ES Collection of papers by linguists and teachers on findings of recent linguistic scholarship and implications for elementary and secondary English teaching. Includes discussions of new grammars, usage, dialects, dictionaries, and the place of language study in the curriculum. EKNE, NCTE

*Holbrook, David. English for the Rejected: Training Literacy in Lower Streams of the Secondary School. New York: Cambridge University, 1964. 291 pp. $2.45.

ES Discusses the problem and outlines a program for teaching the slow, the disadvantaged, the "rejected." (See also Holbrook's English for Maturity, Cambridge, 1961, and The Secret Places, Methuen & Co., Ltd, London, 1964.) NCTE

*Hook, J. N. The Teaching of High School English. Third edition. New York: Ronald, 1965. 488 pp.

S Treats all principal aspects of high school English teaching. Discussion of extensive reading programs. NCTE

*Judine, Sister Mary, IHM. A Guide for Evaluating Student Composition. Champaign, Ill.: National Council of Teachers of English, 1965. 162 pp. $1.95; 15 or more, $1.50 each.

ES Twenty-seven articles from a variety of sources dealing with particular problems in evaluation and also with the student's audience and the writing process. NCTE

Language and Literature Television Series. Films. 28 min., sound, b & w; rental price not yet established. National Council of Teachers of English, 1967. Available after September 1968 from National Center for School and College Television, Box A, Bloomington, Ind. 47401.

E Two series of videotapes on language and literature for teachers of elementary English, for use by TV stations and on closed circuit in schools. Aspects of language and literature in relation to the teaching of elementary language arts as discussed by prominent scholars, teachers, and authors. Teachers' manual and related books of readings also available. NCTE

Language . . . the Social Arbiter. Film series. 20-28 min., sound, color, $250 each; rental, $25 each. The Center for Applied Linguistics, 1966. Available from Stuart Finley, Inc., 3428 Mansfield Road, Falls Church, Va. 22041.

ES Seven nontechnical films featuring prominent linguists discussing language and the problems of dealing with students who do not speak standard English. Titles include "The Nature of Language," "Language Problems in the School," "Linguistics and Education," "Regional Variations," "Social Variations," "English Teaching Tomorrow," and "Language and Integration." NCTE

*Loban, Walter; Ryan, Margaret; and Squire, James R. Teaching Language and Literature. New York: Harcourt, 1961. 748 pp. $7.50.

S Relates purpose, content, and method in secondary school English. Includes illustrative resource units on a variety of topics and themes for junior and senior high school. NCTE

*Muller, Herbert J. The Uses of English. New York: Holt, 1967. 208 pp. Paper, $2.95. (Also available from National Council of Teachers of English and the Modern Language Association.)

ES Report on the 1966 Anglo-American Seminar on the Teaching of English at Dartmouth College. An analysis of central issues confronting English language arts teachers, K-12. NCTE

National Council of Teachers of English. The Sentence and the Paragraph. Champaign, Ill.: the Council, 1966. 76 pp. 75 cents.

S Articles on rhetorical analysis by Francis Christensen and others. Reprinted from College Composition and Communication and College English. NCTE

*NCTE Commission on the English Curriculum. The English Language Arts in the Secondary School. New York: Appleton, 1956. 488 pp. $4.50. (Also available from National Council of Teachers of English.)

S Volume III of the NCTE curriculum series. Extensive guidance in curriculum development. Chapters on literature, reading, writing, speaking, listening, grammar, spelling, usage. NCTE

Postman, Neil, and others. Television and the Teaching of English. New York: Appleton, 1961. 138 pp. $1. (Also available from the National Council of Teachers of English.)

S Discusses the educational significance of television. Includes descriptions of a variety of classroom procedures from simple announcements to full-fledged operations. NCTE

*Reeves, Ruth, editor. Ideas for Teaching English: Grades 7-8-9. Champaign, Ill.: National Council of Teachers of English, 1966. 421 pp. $4.95.

S More than 100 short articles by teachers and curriculum specialists giving practical suggestions for teaching English in the junior high school. Some original contributions; others selected from journals and curriculum guides. Covers all aspects of the English curriculum. NCTE

Sauer, Edwin H. English in the Secondary School. New York: Holt, 1961. 245 pp. $3.75.
S Considers grammar, composition, and rhetoric. Also deals with literature curricula and literary forms. Includes selected reading list for students. NCTE

Schreiber, Morris, editor. An Annotated List of Recordings in the Language Arts. Champaign, Ill.: National Council of Teachers of English, 1964. 83 pp. $1.75.
ES Separate listings for elementary, secondary, and college. Annotations on nearly 450 recordings and albums. Includes information on source, cost, and stock number. NCTE

*Sheridan, Marion C., and others. The Motion Picture and the Teaching of English. New York: Appleton, 1965. 168 pp. Illus. $1.95.
S New approaches to film study discussed by an NCTE Committee and related to the study of literature, language, and composition. DAVI, NCTE

*Shuy, Roger W. Discovering American Dialects. Champaign, Ill.: National Council of Teachers of English, 1967. 68 pp. $1.50.
ES Discusses dialect regions and varieties with implications for English instruction. Sponsored by the NCTE Commission on the English Language. NCTE

*Squire, James R.; Applebee, Roger K.; and Lacampagne, Robert. High School Departments of English, Their Organization, Administration, and Supervision. Champaign, Ill.: National Council of Teachers of English, 1965. 125 pp. $2.
S First report from the National Study of High School English programs. Analyzes factors underlying strong departments and makes recommendations for national study. NCTE

Thomas, Owen. Transformational Grammar and the Teacher of English. New York: Holt, 1965. 240 pp. $4.50.
S A pedagogical grammar describing and illustrating those elements of transformational grammar which have relevance for the teacher of English. Not an introduction; most useful for teachers who already possess an elementary knowledge of transformational-generative theory. NCTE

500 PURE SCIENCE

Asimov, Isaac. The New Intelligent Man's Guide to Science. New York: Basic Books, 1965. 864 pp. Illus. $12.50.
S A careful revision and updating of the 1960 original. Provides a

solid introduction to modern science and technology. Good bibliography. AAAS

Asimov, Isaac. The Universe from Flat Earth to Quasar. New York: Walker, 1966. 308 pp. Illus. $6.50.
S Illustrated with line drawings and photographs. Ranges far and wide in the areas of earth science and astrophysics. NSTA

Blough, Glenn O., and Schwartz, Julius. Elementary School Science and How To Teach It. Third edition. New York: Holt, 1964. 654 pp. $7.95.
E Content and experiences for all age levels in the elementary school. AAAS

Brandwein, Paul F., and others. Teaching High School Science: A Book of Methods. New York: Harcourt, 1958. 568 pp. $7.50.
S Helps the teacher develop personal teaching invention. Sections on special climate of the classroom, patterns in science teaching, determining success, tools, and blueprints for community action. AAAS

BSCS Single Concept Series. Filmstrips. Super 8mm. Available from Harcourt, Houghton Mifflin, Rand McNally, and Prentice-Hall. Write for details.
ES Short filmed inquiries with detailed teacher's guides. Designed to encourage attitude of inquiry. Poses questions, raises problems, and presents experimental data to challenge student participation. NSTA

*Carin, Arthur, and Sund, Robert B. Teaching Science Through Discovery. Columbus, Ohio: Merrill, 1964. 514 pp. Illus. $8.50.
ES Provides a rationale for teaching by defining science in terms of process and product and by showing how it meets the needs of children and of society. Recommends the teaching of science through inquiry and investigation (problem solving). Discusses facilities and materials for elementary school science. AAAS

Colborn, Robert, editor. Modern Science and Technology. Princeton, N.J.: Van Nostrand, 1965. 746 pp. Illus. $22.50.
S An anthology of articles originally published in the monthly, International Science and Technology, and revised by the authors. Provides an interdisciplinary understanding of important developments in physics and electronics, chemistry, technology, rocketry, astronomy, earth sciences, mathematics, and computers. AAAS

*Deason, Hilary J., compiler. A Guide to Science Reading. Second edition. New York: Signet, 1966. 288 pp. Paper, 75 cents.
S Selected and annotated list of nearly 1,350 science and mathematics paperbacks, most available through local dealers. Indispensable

for high school teachers who wish to update their own knowledge and assign collateral reading to their students. AAAS

*Deason, Hilary J., editor. The AAAS Science Book List for Children. Washington, D.C.: American Association for the Advancement of Science, 1963. 201 pp. Paper, $1.50.
E A selected and annotated bibliography produced with the assistance of subject matter specialists, librarians, and others. Books are graded as to level of difficulty. Widely used by school libraries for NDEA and ESEA purchases. (Revised edition planned for publication in 1969.) AAAS

*Deason, Hilary J., editor. The AAAS Science Book List for Young Adults. Washington, D.C.: American Association for the Advancement of Science, 1964. 250 pp. Paper, $2.50.
S Widely used as a collateral reading and library acquisition guide in high schools and for college undergraduates; an official NDEA and ESEA purchase guide in many school systems. (Completely revised edition scheduled for 1968; price not yet determined.) AAAS

*Educators Progress Service. Educators Guide to Free Science Materials. Randolph, Wis.: Educators Progress Service, annually. Paper, $8.25.
ES An annotated guide to pamphlets, charts, films, filmstrips, and other free or inexpensive materials; title and subject indexes and directory of sources. AAAS

*Eggenberger, David I., editor. The McGraw-Hill Encyclopedia of Science and Technology. 15 Vols. New York: McGraw-Hill, 1966. Illus. $295. (Discount to schools and libraries.)
S Exhibits a depth and sophistication beyond the standard major encyclopedias. AAAS

Hahn, Otto. A Scientific Autobiography. New York: Scribner's, 1966. 296 pp. $7.95.
S A fascinating first-person account of the trials and tribulations met in the pioneer days of radio chemistry and nuclear fission. Recommended for chemistry and physics teachers and advanced students. NSTA

*Hedges, D. William. Testing and Evaluation for the Sciences. Belmont, Calif,: Wadsworth, 1967. 248 pp. Paper, $2.75.
ES First in a new methods series edited by Paul DeHart Hurd of Stanford. NSTA

Jones, Howard Mumford, and Cohen, I. Bernard. A Treasury of Scientific Prose. Little, Brown, 1963. 372 pp. $6.75.
S Examples of excellent prose from the works of scientists, as selected by a well-known English professor and a historian of science. AAAS

*Joseph, Alexander, and others. Teaching High School Science: A Source Book for the Physical Sciences. Harcourt, 1961. 674 pp. $7.95.

S Demonstration techniques for teaching general physical science, chemistry, and physics, together with suggestions for facilities, apparatus, curriculum planning, lessons, and bibliographies. AAAS

Lockard, J. David, editor. Report of the International Clearing House on Science and Mathematics Curricular Developments. Joint project of the AAAS Commission on Science Education and University of Maryland Science Teaching Center, annually. Free on written request to editor, Science Teaching Center, University of Maryland, College Park, Md. 20742.

ES Summarizes progress and gives information on new science and mathematics curricula on a worldwide basis. Of primary interest to administrators, supervisors, and curriculum planners. AAAS, NSTA

Mendelssohn, K. The Quest for Absolute Zero. New York: McGraw-Hill, 1966. 256 pp. $2.45.

S The contributions of leading scientists to fundamental concepts such as temperature, atomic theory, calorimetry, refrigeration cycles, thermal properties of gases, fluids, and solids. NSTA

*National Science Teachers Association, NEA. Helping Children Learn Science. Washington, D.C.: the Association, 1966. 192 pp. $3.

E A compilation of articles from Science and Children designed to aid the elementary school science teacher. NSTA

*National Science Teachers Association, NEA. Physical Science Teaching Tips from TST. Washington, D.C.: the Association, 1967. 140 pp. Illus. $5.

S A compilation of articles from seven years of The Science Teacher. Two major sections: (1) physics and physical science, and (2) chemistry. Each article followed by a group of classroom ideas to use in implementing the content. NSTA

Navarra, J. G., and Zafforoni, Joseph. Science Today for the Elementary School. Harper, 1960. 470 pp. $6.40.

E Contains methodology and subject matter for elementary science, including numerous experiments and suggestions for the teacher. Subjects considered: air, weather, aviation, space, time, earth, water, energy, life. AAAS

Shapley, Harlow. The View from a Distant Star: Man's Future in the Universe. New York: Basic Books, 1963. 212 pp. $4.95.

S Discusses man's future in the universe. Provides an understanding of the evolution of galaxies, life, and mankind. Provocative, stimulating reading. AAAS

Shockley, William, and Gong, Walter A. Mechanics. Columbus, Ohio: Merrill, 1966. 213 pp. Illus. $3.95; paper, $1.75.

S Full elementary coverage of subject with problems. Recommended to high school teachers for novel approaches in teaching. NSTA

Stepp, Ann. Setting Up a Science Project. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 56 pp. $3.50.

ES A logical approach to science projects, describing in depth such pertinent considerations as choosing a problem, research, planning, costs, construction, experimentation, and presentation. Includes judging criteria and index. NSTA

*Stong, C. L., editor. The Scientific American Book of Projects for the Amateur Scientist. New York: Simon and Schuster, 1960. 584 pp. Illus. $5.95.

S An explicit work that teaches essentials of the scientific method and aids students in planning and undertaking their own studies. Includes examples from physical and biological sciences. AAAS

*Stotler, Donald; Richardson, John S.; and Williamson, Stanley W. The Supervision of School Science Programs. Columbus, Ohio: Merrill, 1967. 136 pp. Paper, $1.95.

S First in a new Perspectives in Science Education Series that will include other volumes on American science education, science curriculum, science teacher preparation, psychology, evolution, and international science education. NSTA

Sund, Robert B., and Trowbridge, Leslie W. Teaching Science by Inquiry in the Secondary School. Columbus, Ohio: Merrill, 1967. 357 pp. $7.95.

S Emphasizes the discovery approach to science teaching with chapters on new curriculum, classroom discipline, science facilities, and creativity. A textbook and reference source for the beginning and experienced teacher. NSTA

*Victor, Edward, and Lerner, Marjorie. Readings in Science Education for the Elementary School. New York: Macmillan, 1967. 506 pp. $4.50.

E Selected readings to introduce the elementary teacher to some of the current thought in science education as expressed by noted authorities. NSTA

Washton, Nathan S., editor. Teaching Science Creatively in the Secondary School. Philadelphia: Saunders, 1967. 430 pp. $7.50.

S One of the newer methods texts for secondary school science. NSTA

*Weast, Robert C., and Selby, Samuel M., editors. Handbook of Chemistry and Physics: A Ready-Reference Book of Chemical and Physical Data. Forty-seventh edition. Cleveland, Ohio: Chemical Rubber Co., 1966. 1,884 pp. $17.50.

S A well-known reference book, revised annually, that contains essential information on mathematics, chemistry, and physics. Physical constants of chemical elements and compounds, definitions, and formulas. AAAS

Wilson, E. B. An Introduction to Scientific Research. New York: McGraw-Hill, 1952. 375 pp. Cloth, $7.95; paper, $2.95.
S For the teacher and advanced student; introduces scientific methods and the design of experiments. AAAS

510 MATHEMATICS

*Adler, Irving. A New Look at Arithmetic. 2 Parts. New York: Day, 1964. 308 pp. $6.95.
E Written in readable style for teachers, parents, and others who wish to relearn arithmetic from a modern point of view. Part I deals with natural numbers and integers; Part II with rational numbers and real numbers. NCTM

Adler, Irving. The New Mathematics. New York: Day, 1958. 187 pp. Cloth, $4.50. New York: Mentor, 1960. Paper, 50 cents.
ES Addressed to the layman. Develops the real number system, stressing concepts such as measurement, number systems, matrices, and vectors. NCTM

Adler, Irving. Thinking Machines. New York: Day, 1961. 189 pp. $4.
S Written for the layman. Explores the basic principles of logic, Boolean algebra, and computers. NCTM

Aleksandrov, A. D.; Kolmogorov, A. N.; and Lavrent'ev, M. A., editors. Mathematics, Its Content, Methods and Meaning. 3 Vols. (Translated from Russian to English by S. H. Gould and T. Bartha.) Cambridge, Mass: M.I.T., 1963. Vol. I, 358 pp.; Vol. II, 376 pp.; Vol. III, 355 pp. $30.
S Discusses advanced mathematical topics in such a way as to make them understandable to "a wide circle of intelligentsia." NCTM

Bell, Eric Temple. Development of Mathematics. Second edition. New York: McGraw-Hill, 1945. 637 pp. $9.50.
S Main trends in the evolution of mathematical thought over the past 6,000 years. Useful in working mathematical history into one's teaching. NCTM

*Bell, Eric Temple. Mathematics: Queen and Servant of Science. New York: McGraw-Hill, 1951. 437 pp. Illus. Cloth, $7.50; paper, $2.95.
S An account of the evolution of mathematical thought—both pure and applied. Considerable information on the personalities and theories of the great mathematicians. AAAS, NCTM

Boehm, George A. W., and the editors of Fortune. The New World of Mathematics. New York: Dial, 1959. 128 pp. Cloth, $3.50. New York: Apollo, 1962. Paper, $1.50.

S Essays which dramatize the spirit of modern mathematics as well as the many roles that mathematics play in our contemporary civilization. NCTM

*Butler, Charles H., and Wren, F. Lynwood. The Teaching of Secondary Mathematics. Fourth edition. New York: McGraw-Hill, 1965. 613 pp. $8.50.

S Provides material on the program and the improvement of instruction in secondary mathematics, as well as material on the teaching of the special subject matter of secondary mathematics. NCTM

College Entrance Examination Board. Report of the Commission on Mathematics. Part I: Program for College Preparatory Mathematics, 63 pp. Part II: Appendices, 231 pp. Princeton, N.J.: the Board, 1959. $1.

S Outlines a nine-point program in mathematics for college-capable students; appendices spell out recommendations. NCTM

*Corle, Clyde G. Teaching Mathematics in the Elementary School. New York: Ronald, 1964. 385 pp. $6.75.

E A teaching methods text which makes generous use of sets of objects and the number line to explain basic concepts and teaching procedures. Gives special attention to measurements, geometry, and aspects of personal finance. NCTM

Davis, Philip J. The Lore of Large Numbers. New Mathematical Library, No. 6. New York: Random House, 1961. 165 pp. Cloth, $2.95; paper, $1.95.

S An unconventional approach which encompasses many interesting and related topics such as division by zero, infinity, value of pi, normal numbers, and computing machines. NCTM

Deans, Edwina. Elementary School Mathematics: New Directions. U.S. Department of Health, Education, and Welfare, Office of Education, Bulletin No. 13. Washington, D.C.: G.P.O., 1963. 116 pp. Paper, 50 cents.

E Presents factual descriptions of the major experimental projects. No evaluation is attempted, but guidelines for decision making are suggested. NCTM

Exner, Robert M., and Rosskopf, Myron F. Logic in Elementary Mathematics. New York: McGraw-Hill, 1959. 274 pp. $6.95.

S A careful study of logic used by secondary school mathematics students and teachers in proofs of mathematical theorems. Presents some structure of symbolic logic. NCTM

Fehr, Howard F., and Hill, Thomas J. Contemporary Mathematics for Elementary Teachers. Boston: Heath, 1966. 394 pp. $7.95.

E Presents the foundations of arithmetic and geometry necessary for teaching in a contemporary elementary mathematics program. Uses a set approach to develop basic ideas of number and operations. Includes several chapters on geometry. EKNE, NCTM

*Films in Mathematics for Elementary School Teachers. 29 min., sound, color. Purchase and rental prices on request. National Council of Teachers of Mathematics, NEA, 1965.

E Designed for in-service education of elementary teachers. Series includes Beginning Number Concepts, The Development of Our Decimal Numeration System, Addition and Its Properties, Multiplication and Its Properties, Subtraction, and Division. NCTM

*Flournoy, Frances. Elementary School Mathematics. Washington, D.C.: Center for Applied Research in Education, 1964. 111 pp. $3.95.

E Deals with objectives, basic concepts of elementary mathematics, instructional procedures, materials, individual differences, and evaluation of pupil progress. NCTM

Greenberg, Daniel A. Mathematics for Introductory Science Courses: Calculus and Vectors. New York: Benjamin, 1965. 214 pp. Cloth, $5; paper, $2.95.

S Begins with a review of algebra, analytic geometry, and trigonometry. Goes on to elementary calculus, and finishes with an introduction to vector algebra. Provides an intuitive pictorial approach to mathematics. NSTA

*James, Glenn, and James, Robert C. Mathematics Dictionary. Princeton, N.J.: Van Nostrand, 1959. Illus. Multilingual edition, 546 pp., $15; students' edition, 474 pp., $10.

S Definitions of more than 7,000 mathematical terms; includes cross references, logarithmic and trigonometric tables, and mathematical formulas in context. Multilingual edition contains translations of English terms into French, German, Russian, and Spanish. AAAS

Johnson, Donovan A., and Glenn, William H. Exploring Mathematics on Your Own. New York: Doubleday, 1961. 301 pp. $4.50.

ES Topics include sets, sentences and operations, understanding numeration systems, computing devices, curves in space, and basic concepts of vectors. NCTM

Johnson, Donovan A., and Rahtz, Robert. The New Mathematics in Our Schools. New York: Macmillan, 1966. 192 pp. $1.95.

E Although written for parents, can be used to orient teachers to the new content of elementary mathematics and its teaching. Provides exercises and answers. NCTM

Kenna, L. A. Understanding Mathematics with Visual Aids. Paterson, N.J.: Littlefield, 1962. 174 pp. Illus. Paper, $1.75.
E Aims toward minimizing memorization. The abacus, charts and graphs, models, paperfolding, conic sections, and various types of projection apparatus as applied to various mathematics topics. NCTM

Kline, Morris. Mathematics and the Physical World. New York: Crowell, 1959. 482 pp. Illus. $6.
S Views mathematics in relation to the physical sciences as the basic tool of research scientists. Surveys the role of mathematics in the study of nature. AAAS

Kline, Morris. Mathematics in Western Culture. New York: Oxford, 1953. 484 pp. $8.50; text edition, $6.25.
S Predicated on the thesis that mathematics has been a major cultural force in Western civilization. Relates mathematics to the sciences and the arts. AAAS

McFarland, Dora, and Lewis, Eunice M. Introduction to Modern Mathematics for Elementary Teachers. Boston: Heath, 1966. 406 pp. $7.50.
E Development of the structure of the real number system, from the ideas of sets through the systems of natural numbers, whole numbers, integers, and rational numbers. NCTM

Moise, Edwin. Elementary Geometry from an Advanced Viewpoint. Reading, Mass.: Addison-Wesley, 1963. 419 pp. $9.50.
ES Presents elementary geometry from a sophisticated point of view, without presupposing previous knowledge of geometry. NCTM

Mueller, Francis J. Arithmetic: Its Structure and Concepts. Second edition. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 377 pp. $7.95.
E Operations are explained in terms of sets. Emphasis on the properties of numbers, and a thorough analysis of arrays and their use in elementary mathematics. NCTM

National Council of Teachers of Mathematics, NEA. Enrichment Mathematics for the Grades. Twenty-Seventh Yearbook. Washington, D.C.: the Council, 1963. 368 pp. Cloth, $3; paper, $1.50.
E Presents content for use as enrichment for able students. Replete with ideas for a deeper study of the topics usually presented in the grades and suggestions for extracurricular activities. NCTM

National Council of Teachers of Mathematics, NEA. Enrichment Mathematics for High School. Twenty-Eighth Yearbook. Washington, D.C.: the Council, 1963. 398 pp. Cloth, $3; paper, $1.50.
S Source book shows how to extend and deepen the knowledge and insight of talented students in high school and beyond. Includes extensive bibliographies. NCTM

National Council of Teachers of Mathematics, NEA. Evaluation in Mathematics. Twenty-Sixth Yearbook. Washington, D.C.: the Council, 1961. 220 pp. $3.

ES Comprehensive discussion of test construction, interpretation of test scores, curriculum evaluation, ability grouping, and objectives. Also includes annotated bibliography of mathematics tests. NCTM

*National Council of Teachers of Mathematics, NEA. The Growth of Mathematical Ideas. Twenty-Fourth Yearbook. Washington, D.C.: the Council, 1959. 507 pp. $5.

ES Highlights the essential elements of seven topics around which to structure the content of mathematics taught in kindergarten through twelfth grade. NCTM

National Council of Teachers of Mathematics, NEA. Insights into Modern Mathematics. Twenty-Third Yearbook. Washington, D.C.: the Council, 1957. 448 pp. $5.75.

S Essays dealing with the concepts of numbers and sets, deductive reasoning, algebra, geometry, vectors, limits, functions, topology, probability, and computers. NCTM

National Council of Teachers of Mathematics, NEA. Instruction in Arithmetic. Twenty-Fifth Yearbook. Washington, D.C.: the Council, 1960. 366 pp. $4.50.

E Deals with developments in the teaching of arithmetic that have taken place since 1941. Considers the nature of arithmetic, factors affecting the learning process, and research bearing on the content and teaching of the subject. NCTM

*National Council of Teachers of Mathematics, NEA. The Learning of Mathematics, Its Theory and Practice. Twenty-First Yearbook. Washington, D.C.: the Council, 1953. 364 pp. $4.

ES Survey of learning theories, transfer of learning, problem solving, concept formation, motivation, practice, individual differences, and the role of language. NCTM

*National Council of Teachers of Mathematics, NEA. Topics in Mathematics for Elementary School Teachers. Twenty-Ninth Yearbook. Washington, D.C.: the Council, 1964. 384 pp. $4. (Also sold as eight separate booklets, 30 cents each, $2.15 the set.)

E Topics chosen are especially important to teachers whose professional education did not prepare them to teach contemporary elementary mathematics. Sets, whole numbers, numeration systems for whole numbers, algorithms, numbers and their factors, rational numbers, numeration systems for the rational numbers, and number sentences. NCTM

National Science Teachers Association, NEA. Computers—Theory and Uses. Washington, D.C.: the Association, 1964. Student's Manual, 108 pp. 1-9 copies, $1 each; Teacher's Guide, 98 pp. $1. (One Teacher's Guide free with 10 or more Student's Manuals.)

S A unit of work for secondary school mathematics classes. NCTM

Newman, James R. The World of Mathematics. 4 Vols. New York: Simon and Schuster, 1956. 2,536 pp. Illus. Cloth, $25; paper, $9.95.

S An encyclopedic anthology of mathematics, containing excerpts from original works and Newman's commentaries. Emphasis is on history of mathematics, mathematics and the physical sciences, mathematical logic, and mathematical culture. AAAS

*New Mathematical Library. 19 Vols. New York: Random House, 1961-67. Cloth, $2.95; paper, $1.95 each.

1. Niven, Ivan. Numbers: Rational and Irrational.
2. Sawyer, W. W. What Is Calculus About?
3. Beckenbach, Edwin, and Bellman, Richard. An Introduction to Inequalities.
4. Kazarinoff, N. D. Geometric Inequalities.
5. Salkind, C. T., compiler. The Contest Problem Book I.
6. Davis, P. J. The Lore of Large Numbers.
7. Zippin, Leo. Uses of Infinity.
8. Yaglom, I. M. Geometric Transformations. (Translated by Allen Shields.)
9. Olds, C. D. Continued Fractions.
10. Ore, Oystein. Graphs and their Uses.
11. Eotvos Competitions (1894-1905). Hungarian Problem Book I.
12. Eotvos Competitions (1906-1928). Hungarian Problem Book II.
13. Aaboe, Asger. Episodes from the Early History of Mathematics.
14. Grossman, Israel, and Magnus, Wilhelm. Groups and their Graphs.
15. Niven, Ivan. Mathematics of Choice.
16. Friedrichs, K. O. From Pythagoras to Einstein.
17. Salkind, C. T., compiler. The MAA Problem Book II.
18. Chinn, W. G., and Steenrod, N. E. First Concepts of Topology.
19. Coxeter, H. S. M., and Greitzer, S. L. Geometry Revisited.

S Inaugurated by SMSG and written by professional mathematicians. Enrichment and background review material for teachers and collateral reading and study materials for high school students and laymen. AAAS

*Ohmer, Merlin M.; Aucoin, Clayton V.; and Corteg, Marion J. Elementary Contemporary Mathematics. New York: Blaisdell, 1964. 380 pp. $7.50.

E Intended for both preservice and in-service training of elementary teachers. Develops the set of real numbers through the subsets of counting numbers, integers, rational numbers. Also deals with topics such as logic, sets, numeration systems, and finite number systems. NCTM

*Peterson, John A., and Hashisaki, Joseph. Theory of Arithmetic. Second edition. Wiley, 1967. 337 pp. Illus. $7.95.
ES Widely used for in-service programs for elementary and junior high teachers. Considers arithmetic, number systems, and some geometry. Consonant with new SMSG curricula. AAAS, NCTM

Polya, Gyorgy. Mathematical Discovery: On Understanding, Learning and Teaching Problem Solving. 2 Vols. New York: Wiley. Vol. 1, 1962. 216 pp. $15.50; Vol. 2, 1965. 191 pp. $6.50.
ES Prepared for mathematics teachers, prospective teachers, and students who want to develop the know-how, the right attitude, and the methodical approach to problem solving. AAAS, NCTM

Polya, Gyorgy. Mathematics and Plausible Reasoning. Princeton, N. J.: Princeton University, 1964. Vol. I: Induction and Analogy in Mathematics, 280 pp. Vol. II: Patterns of Plausible Inference, 190 pp. Set, $9.
S Shows how deductive discipline is dependent on techniques of guessing, inductive reasoning, and reasoning by analogy. AAAS

Rappaport, David. Understanding and Teaching Elementary School Mathematics. New York: Wiley, 1966. 227 pp. $6.95.
E Explains basic concepts of elementary mathematics and discusses how to teach them to children. Considers logical organization, teaching aids, and pupil differences. Includes algebra and geometry as a part of the elementary program.

Reid, Constance. A Long Way from Euclid. Revised edition. New York: Crowell, 1963. 292 pp. $5.
S A particularly inviting overview of the development of geometry over some 2,000 years. AAAS

*Ringenberg, Lawrence A. Informal Geometry. New York: Wiley, 1967. 151 pp. $5.50.
E Concise development of elementary geometry, using modern notation and vocabulary and an approach which is largely informal. Appropriate for developing background in geometry for prospective and in-service elementary teachers. NCTM

Schaaf, William. Basic Concepts of Elementary Mathematics. Second edition. New York: Wiley, 1965. 384 pp. Illus. $7.50.
E Informal but clear presentation of fundamental ideas of elementary mathematics. NCTM

*Scott, Lloyd. Trends in Elementary School Mathematics. Chicago: Rand McNally, 1966. 215 pp. $3.50.

E Presents a survey of trends in elementary school mathematics with special emphasis upon influences which currently are having an effect upon the teacher's job. NCTM

Spitzer, Herbert F. Teaching Elementary School Mathematics. Boston: Houghton Mifflin, 1967. 372 pp. $6.50.

E Continues to emphasize method of teaching advocated in earlier editions—the development of a pupil's understanding through his exposure to situations where he must figure things out for himself and verify his conclusions. Materials of instruction and procedures in keeping with contemporary elementary programs. NCTM

*Van Engen, Henry, and others. Foundations of Elementary School Arithmetic. Chicago: Scott, Foresman, 1965. 440 pp. $6.50.

ES Presents a clear and extensive treatment of the natural number system, rational numbers, numerations systems, measurement, geometry, and other topics. Observes how changes in goals and content of arithmetic have stimulated alteration of instructional methods. AAAS, NCTM

*Ward, Morgan, and Hardgrove, Clarence E. Modern Elementary Mathematics. Reading, Mass.: Addison-Wesley, 1964. 420 pp. Illus. $8.50.

E Language and ideas of sets used to develop the basic ideas of arithmetic and geometry. Primarily for preservice and in-service elementary mathematics teachers. NCTM

Webber, George C., and Brown, John A. Basic Concepts of Mathematics. Reading, Mass.: Addison-Wesley, 1963. 328 pp. $6.95.

E Clear, understandable presentation of basic elementary mathematical concepts. Set concepts used as a basis for the development of the properties of the real numbers. A mathematical approach to measurement involving concepts of geometry. NCTM

*Wylie, C. R., Jr. Foundations of Geometry. New York: McGraw-Hill, 1964. 338 pp. Illus. $8.95.

S Intended primarily for undergraduate teaching majors in mathematics. Presents an introduction to the foundations of conventional Euclidean geometry, geometry of four dimensions, and plane hyperbolic geometry. NCTM

Yandl, Andre L. The Non-Algebraic Elementary Functions. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 266 pp. Illus. $6.50.

S A complete and rigorous treatment of trigonometric functions in a manner not usually seen in elementary textbooks. Proves theorems not usually proved. NCTM

520 ASTRONOMY

Abell, George. Exploration of the Universe. New York: Holt, 1964. 646 pp. Illus. $9.50.
ES Comprehensive introductory college text recommended as the foundation book of astronomy collections in libraries and personal libraries of interested nonspecialists; valuable for instruction, background reading, and general reference. AAAS

*Alter, Dinsmore, and others. Pictorial Astronomy. Second edition. New York: Crowell, 1963. 312 pp. Illus. $6.95; text edition, $5.20.
ES Widely used basic book for the beginning student or amateur astronomer; divided into sections dealing with the earth, the moon, eclipses, the planets, comets and meteors, and the stars and nebulae. AAAS

*Baker, Robert H. Astronomy. Eighth edition. Princeton, N.J.: Van Nostrand, 1964. 557 pp. Illus. $8.25.
S Acclaimed for clarity and completeness. A basic college introductory textbook, useful for reference. AAAS

Branley, Franklyn M. North, South, East and West. New York: Crowell, 1966. Unnumbered. Illus. $3.25.
E Helps young children gain knowledge of the concept of directions, with the relation of the sun and shadows to these directions illustrated in color in sequences. Introduces compass as a means of determining direction. NSTA

Howard, Neale E. The Telescope Handbook and Star Atlas. New York: Crowell, 1967. 226 pp. Illus. $10.
S Describes all kinds of telescopes, compares costs and performance, and tells how to mount and use them. Fifteen star maps with special overlays show the stars as seen with the naked eye and as they appear through the telescope. An accompanying celestial gazetteer. AAAS

Hoyle, Fred. Astronomy. Garden City, N.Y.: Doubleday, 1962. 320 pp. Illus. $12.95.
S An excellent pictorial history of astronomy, with over 400 illustrations, many in color. Discusses the development of the science of astronomy and deals with cosmological debates concerning the existence of a high-energy world outside the galaxies. A fundamental work in the history of all science. Valuable for background reading and reference. AAAS

Page, Thornton, and Page, Lou Williams. The Origin of the Solar System. New York: Macmillan, 1966. 336 pp. $7.95.
S Collection of articles by prominent astronomers, astrophysicists, chemists, and geologists that trace the history of theories and developments related to the origin of the solar system and to recent space exploration. NSTA

530 PHYSICS

Gamov, George. Thirty Years that Shook Physics. New York: Doubleday, 1966. 224 pp. Cloth, $5.95; paper, $1.45.

S A short history of quantum theory. Treats the contributions of a different scientist in each chapter. NSTA

Holden, Alan. The Nature of Solids. New York: Columbia University, 1965. 241 pp. $6.95.

S Clear and simple outline, with almost no mathematics, of the physical theory underlying the rapid development of solid state physics. An excellent review of physical theory and an easily understandable introduction to theoretical physics. NSTA

Jones, G. O., and others. Atoms and the Universe: An Account of Modern Views of the Structure of Matter and the Universe. Second edition. New York: Scribner, 1963. 277 pp. Illus. $4.50.

S Presents a summary of the essentials of modern physics. AAAS

Michels, Walter C., editor-in-chief. International Dictionary of Physics and Electronics. Princeton, N.J.: Van Nostrand, 1961. 1,355 pp. Illus. $27.85.

S Encyclopedic dictionary of terms. Should be in all large public libraries and college libraries. AAAS

*Physical Science Study Committee. Physics. Second edition. Boston: Heath, 1965. 686 pp. Illus. $5.80.

S Recommended by professional editorial advisers as the best textbook for a secondary school course. Should be in all libraries for review and reference. AAAS

PSSC Physics Series. Films. Available from Modern Learning Aids, 1212 Avenue of the Americas, New York, N.Y. 10036.

S A series of films produced by the Physical Science Study Committee. Some of the best are—

Mass of Atoms - Part I, 20 min., b & w, $100.
Part II, 27 min., b & w, $150.
Frames of Reference - 28 min., b & w, $150.
Coulomb's Law - 30 min., b & w, $150.
Time Dilation: An Experiment with mu-Mesons - 36 min., b & w, $150. NSTA

*Rogers, Eric M. Physics for the Inquiring Mind: The Methods, Nature, and Philosophy of Physical Science. Princeton, N.J.: Princeton University, 1960. 718 pp. Illus. $8.50.

S A comprehensive exposition of the "methods, nature, and philosophy of physical science" developed from an undergraduate college course for the nonphysicist. Study of matter, motion and force, astronomy, molecules and energy, electricity and magnetism, and atomic and nuclear physics. AAAS

Rusk, Rogers D. Introduction to Atomic and Nuclear Physics. New York: Appleton, 1964. 470 pp. Illus. $8.75.

S The methods and concepts underlying the fields of quantum physics and relativity, with attention to practical applications. AAAS

540 CHEMISTRY

Asimov, Isaac. Building Blocks of the Universe. Revised edition. New York: Abelard, 1961. 280 pp. Illus. $3.50.

ES A discussion of 102 of the basic elements of nature and the atomic laboratory. Considers the structure as well as everyday forms and uses of the most common elements (oxygen, hydrogen, and carbon). AAAS

Asimov, Isaac. The Search for the Elements. New York: Basic Books, 1962. 158 pp. Illus. $4.50.

S History of the development of chemistry. Includes discoveries and theories of the Greek philosophers, ancient and medieval alchemists, and Renaissance founders of the science, as well as modern research which has not only investigated the remaining natural elements but synthesized others. Good companion to Building Blocks of the Universe. AAAS

Chemical Bond Approach Project. Chemical Systems. New York: McGraw-Hill, 1964. 772 pp. Illus. $6.96.

S A course for secondary students developed by chemists and teachers of merit. Designed to provide an understanding of such subjects as the constitution of matter, the nature of chemical reactions, interactions of electrostatic charges, and fundamentals of atomic theory. Laboratory manual and a teacher's manual available. AAAS

Chemical Education Material Study. Chemistry: An Experimental Science. San Francisco: Freeman, 1963. 466 pp. Illus. $5.80.

S One of two new secondary school chemistry courses (the other is Chemical Systems) developed and tested by a number of nationally known teachers and members of the chemical professions. Inductive approach to the subject. Laboratory guide and teacher's manuals available. AAAS

CHEM Study Chemistry Series. Films. Available from Modern Learning Aids, 1212 Avenue of the Americas, New York, N.Y. 10036.

S A series of films produced by the Chemical Education Materials Study, including—

Catalysis. 17 min., sound, color, $135.
Molecular Spectroscopy. 23 min., sound, color, $165.
Chemical Bonding. 16 min., sound, color, $120.

Vibration of Molecules. 12 min., sound, color, $90.
Biochemistry and Molecular Structure. 22 min., sound, color, $165. NSTA

Choppin, Gregory R., and Jaffe, Bernard. Chemistry: Science of Matter, Energy, and Change. Morristown, N.J.: Silver Burdette, 1965. 720 pp. Illus. $6.20.

S Features four full-color essays on special topics such as alchemy and spectroscopy. Well-written and aesthetically appealing. NSTA

Gilman, John Joseph, editor. The Art and Science of Growing Crystals. New York: Wiley, 1963. 493 pp. Illus. $23.

S Consists of 23 separate articles by outstanding authorities. Presents authoritative and exhaustive treatment of all aspects of crystals, crystallography, and crystal growing. Requires some background in mathematics, physics, and chemistry. An excellent reference. AAAS

Gray, Charles A. Explorations in Chemistry. New York: Dutton, 1965. 224 pp. Illus. $5.95.

ES Written by a former science fair winner to instruct young people interested in chemical experimentation in home laboratories. Teaches basic principles and concepts, and lays foundation for original research by amateurs. Bibliography. Will be useful to elementary and secondary teachers as a resource. AAAS

Steere, Norman V., editor. Safety in the Chemical Laboratory. Washington, D.C.: American Chemical Society, 1967. 125 pp. Illus. $3.

S Composed of articles which appeared in the Journal of Chemical Education from January 1964 to January 1967. Articles arranged by topics and indexed. Includes sections on chemical hazards, toxicity and exposure limits, ventilation, fire hazards, fire-protected storage, containers and labeling, and emergency equipment and procedures. NSTA

Stock, Ralph, and Rice, C. B. F. Chromatographic Methods. New York: Reinhold, 1963. 206 pp. Illus. $10.

S Summary account of techniques in current use. Emphasizes paper and gas chromatography because they are the most widely used. Model experiments described. AAAS

Woodburn, John H. Excursions into Chemistry. Philadelphia: Lippincott, 1965. 145 pp. $4.50.

S Contains a wide variety of projects graded from the simple and easy to some really challenging research projects covering the whole field of chemistry. A welcome source of information for the high school chemistry teacher and a ready reference for the recurring student question, "What can I do for a science project?" NSTA

550 EARTH SCIENCES

Battan, Louis J. The Unclean Sky. New York: Doubleday, 1966. 141 pp. $1.25.

S Describes adverse effects of pollutants on humans, animals, plants, and materials and the physical background of this serious problem. NSTA

Blair, Thomas A., and Fite, Robert C. Weather Elements. Fourth edition. Englewood Cliffs, N.J.: Prentice-Hall, 1957. 414 pp. Illus. $11; text edition, $8.25.

S Fundamentals of weather and climate presented clearly and nontechnically. Appendix of selected references, conversion tables, and practice exercises. Explains techniques and instruments of modern meteorological observation, analysis, and research; also principles of atmospheric circulation, precipitation, temperature, and pressure. Describes the applications of meteorology to forecasting, aviation, and climatology. AAAS

Bullard, F. M. Volcanoes in History, in Theory, in Eruption. Austin: University of Texas, 1962. 441 pp. $7.50.

S A well-written account of volcanoes, volcanic activity, and the effects these have had on civilization. AGI

*Day, John A. The Science of Weather. Reading, Mass: Addison-Wesley, 1966. 214 pp. Illus. $6.95.

ES A modern text in elementary meteorology, with only occasional use of elementary algebra. Text related to the world of science and daily life. Suitable for good high school students; excellent resource material for elementary school teachers. AAAS

Dyson, James L. The World of Ice. New York: Knopf, 1962. 292 pp. Illus. $6.95.

S An award-winning popular account of glaciers and the work of ice. AGI

Earth Science Curriculum Project. Investigating the Earth. Boston: Houghton Mifflin, 1967. 594 pp. $7.

S Interdisciplinary content and inquiry are fundamental to the ESCP approach. Includes text, laboratory program, and teacher's guide developed by astronomers, geographers, geologists, geophysicists, meteorologists, oceanographers, and science teachers. NSTA

*Fenton, Carroll Lane, and Fenton, Mildred A. The Fossil Book: A Record of Prehistoric Life. New York: Doubleday, 1958. 482 pp. Illus. $15.

ES Survey of the evidence concerning the earliest forms of plants and animals and progressing up to the discussion of recently extinct species. Illustrations drawn from North American species, whenever possible. Many useful appendices. AAAS

Fenton, Carroll Lane, and Fenton, Mildred A. The Rock Book. New York: Doubleday, 1940. 357 pp. Illus. $8.95.

ES Introduction to the properties, occurrence, and importance of common rocks and minerals, including identifying characteristics, geologic formation, and regional distribution. Discusses historical significance and present uses of various ores and minerals. Suggestions for collecting, preparing, and displaying specimens. References. AAAS

Harris, Norman, and others, editors. Larousse Encyclopedia of the Earth: Geology, Paleontology and Pre-History. New York: Prometheus, 1961. 419 pp. Illus. $15.

S Translation and revision of a French work. A comprehensive and stimulating tour of the earth sciences. Divided into the past and the present, covers man's discovery and use of his planet on, above, and below the surface; also processes and forces that created and continue to mold and change it. Useful reference. AAAS

Heller, R. L., editor. Geology and Earth Science Sourcebook. American Geological Institute. New York: Holt, 1962. 496 pp. Illus. Paper, $3.60.

ES Suggested questions, problems, activities, and references for the earth science teacher at all levels. Teaching aids and unsolved problems listed for each topic. Appendix of federal and state geological survey centers, suppliers of teaching aids, and additional reference books and films. Bibliographies, experimental procedures, and summaries of basic facts and concepts especially useful to students and teachers. AGI

*Leet, L. Don, and Judson, Sheldon. Physical Geology. Third edition. Englewood Cliffs, N.J.: Prentice-Hall, 1965. 406 pp. Illus. $11.95; text edition, $8.95.

ES The materials, formations, and processes of the earth presented in a complete and well-illustrated text. Integrated with related concepts in physics and chemistry. Brief surveys of historical and economic geology. Glossary and numerous appendices of chemical, physical, mathematical, and geological information. AAAS, AGI

Mather, Kirtley F. The Earth Beneath Us. New York: Random, 1964. 320 pp. Illus. $15.

ES A pictorial geology for the layman. Carefully chosen illustrations. Includes a geological timetable, timetable of the great Ice Age, bibliography, and index. AAAS, AGI

Matthews, William H. Fossils: An Introduction to Prehistoric Life. New York: Barnes and Noble, 1962. 337 pp. Cloth, $5.75; paper, $2.25.

S An excellent guide to collecting and understanding fossils. AGI

Matthews, William H., III. Selected Maps and Earth Science Publications for the States and Provinces of North America. Englewood Cliffs, N.J.: Prentice-Hall, 1965. 24 pp. 40 cents.
ES A compilation of maps and earth science publications arranged by state and province. Primarily locally oriented. AAAS

*Miller, Robert C. The Sea. New York: Random House, 1966. 316 pp. Illus. $15.
S Composed of sections on the origin and evolution of the sea and undersea geography; waves, tides, currents, and climatological considerations; life of the tidal zones and open sea and coral reefs; relationship between man and the sea with emphasis on recent oceanographic developments and the ultimate role of the sea in man's future. NSTA

National Academy of Sciences. Geology and Earth Sciences Sourcebook. New York: Holt, 1962. 496 pp. Illus. Paper, $2.96.
ES Handbook of suggested questions, problems, activities, and references for the earth sciences teacher at all levels. Teaching aids and unsolved problems to help stimulate interest. Appendix of federal and state geological survey centers, suppliers of teaching aids, and additional reference books and films. AAAS

*National Science Teachers Association, NEA. Earth-Space Science Teaching Tips from TST. Washington, D.C.: the Association, 1967. 121 pp. Illus. $4.
S A compilation of 34 articles from seven years (1960-66) of The Science Teacher. Designed to provide a good selection of materials for background and for classroom and laboratory use of secondary school earth science teachers. NSTA

Shelton, John S. Geology Illustrated. San Francisco: Freeman, 1966. 434 pp. Illus. $10.
S A valuable reference for teachers. Uses nearly 400 clear, spectacular photographs to illustrate and communicate the principles of physical and historical geology. AGI, NSTA

Shimer, John A. This Sculptured Earth: The Landscape of America. New York: Columbia University, 1959. 255 pp. Illus. $7.50.
S An exciting and educational explanation of the geologic basis of scenery. Describes many of the famous landmarks and natural wonders to be found while vacationing in the United States. Accompanied by an illustrated glossary and many handsome photographs. AGI

Sinkankas, John. Mineralogy for Amateurs. Parts I and II. Princeton, N.J.: Van Nostrand, 1964. 585 pp. Illus. $12.50.
S Mineralogy and petrology for amateurs. Fills the gap between elementary manuals and college textbooks that require a background of mathematics, physics, and chemistry. Identification tables. Bibliography. AAAS

Strahler, Arthur N. The Earth Sciences. New York: Harper, 1963. 681 pp. Illus. $9.95.

S College-level text on earth science. Useful as background material for secondary school teachers. AAAS, AGI

Strahler, Arthur N. A Geologist's View of Cape Cod. New York: Natural History Press, 1966. 115 pp. Illus. $4.95.

S The geological development of Cape Cod from coastal plain to bent-arm shape is told in accurate, readable detail, supplemented by numerous black and white charts, diagrams, and photographs. NSTA

Toward Inquiry. Film. 21 min., sound, b & w, $70. Earth Science Curriculum Project, 1967. Available from Encyclopaedia Britannica Educational Corp., 425 N. Michigan Avenue, Chicago, Ill. 60611.

ES Portrays real classroom situations in a semidocumentary fashion. Emphasizes the nature of the interaction between teachers, students, and materials in an inquiry-centered context. NSTA

572 ANTHROPOLOGY

Braidwood, Robert J. Prehistoric Men. Fifth edition. Dobbs Ferry, N.Y.: Oceana, 1961. 189 pp. $3.25.

S A simple and clear account of physical anthropology, fossil man, and race, as well as archeological methods, stone-age cultures, manufacture and use of tools, agricultural revolution, and the meaning of "civilization." AAAS

Brown, Ina C. Understanding Other Cultures. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 184 pp. Cloth, $4.25; paper, $1.95.

S Many of the basic anthropological concepts discussed in clear, nontechnical language. Useful guide to further reading included. AAAS

Day One. Film. 21 min., sound, b & w, rental, $5/2 days and $10/1 week. Anthropology Curriculum Study Project, 5632 Kimbark Avenue, Chicago, Ill. 60637. 1967.

S An unrehearsed experience of a ninth-grade world history class on the opening day of an experimental unit in anthropology. Illustrates some of the possibilities of anthropological materials, methods, and concepts in the social studies classroom. AAA

Dobzhansky, Theodosius. Mankind Evolving: The Evolution of the Human Species. New Haven: Yale University, 1962. 381 pp. Illus. $7.50.

S Evolution of the human species in two of its aspects: scientific and cultural. Considers genetics, natural selection, adaptation, and sociology. AAAS

Hall, Edward T. The Silent Language. New York: Doubleday, 1959. 240 pp. Cloth, $4.50. Greenwich, Conn.: Fawcett, 1961. 192 pp. Paper, 60 cents.

ES An anthropological analysis of the various ways in which people communicate nonverbally. Describes and illustrates the author's analytic theory of culture as a form of communication. AAA

Hertzberg, Hazel W. The Great Tree and the Longhouse: The Culture of the Iroquois. New York: Macmillan, 1966. 122 pp. $2.40.
ES A brief yet comprehensive presentation of Iroquois culture and history. Especially good on social and political organization. Would be most valuable with the Teachers' Guide which contains suggested activities tailored to early adolescent learning capabilities and behavior patterns. AAA

Hoebel, E. Adamson. Anthropology: The Study of Man. Third edition. New York: McGraw-Hill, 1966. 591 pp. $12.50.
ES A leading introductory textbook which emphasizes the biological-cultural nature of man and cross-cultural comparisons. Combines description and interpretation. AAA

Hoebel, E. Adamson. The Cheyennes: Indians of the Great Plains. New York: Holt, 1960. 103 pp. Paper, $1.75.
ES Description of the way of life of a tribe of nomadic warriors of the U.S. Great Plains. Illustrates how religion supports and integrates with other facets of culture. AAA

*Howell, F. Clark, and the Editors of Life. Early Man. New York: Time, Inc., 1965. 200 pp. Illus. $3.95.
ES The only authoritative and completely up-to-date, popular account of the evolution of man and his culture. AAA

Hulse, Frederick S. The Human Species. New York: Random House, 1963. 504 pp. $11.50; text edition, $7.95.
ES A detailed text covering all aspects of the biological nature of man. Clearly written. AAA

Inference from Archeological Evidence. Film. 18 min., sound, b & w, rental, $5/2 days and $10/1 week. Anthropology Curriculum Study Project, 5632 Kimbark Avenue, Chicago, Ill. 60637, 1967.
S An unrehearsed document of a ninth-grade world history class on the opening day of an experimental unit utilizing anthropological concepts and materials. Illustrates some of the possibilities for inductive learning with anthropological materials. AAA

Kluckhohn, Clyde. Mirror for Man: The Relation of Anthropology to Modern Life. New York: McGraw-Hill, 1949. 313 pp. $5. New York: Fawcett, 1957. Paper, 60 cents.
S A basic statement of the contribution of anthropology to an understanding of culture and modern problems. Describes in nontechnical fashion the various ramifications of anthropology. AAAS

Lisitzky, Gene. Four Ways of Being Human. New York: Viking, 1956. 303 pp. Cloth, $4.50; paper, $1.45.

ES A short discussion of the nature of anthropology and the values to be derived from its study, followed by descriptions of the way of life of four societies (Semang, Hopi, Eskimo, Maori). AAAS

Spencer, Robert F., and others. The Native Americans. New York: Harper, 1965. 539 pp. Illus. $10.90.

ES A comprehensive, well-written presentation of the ethnology and archeology of the North American Indian by recognized specialists on each geographic region (culture area) or subject. AAA

Spindler, George D., editor. Education and Culture: Anthropological Approaches. New York: Holt, 1963. 571 pp. Paper, $4.75.

S Contains 25 papers on three aspects of the applications of anthropology to education: (a) relationship of anthropological concepts, methods, and data to education, (b) educational processes in our own society, and (c) analysis of education in non-Western societies. AAAS

Underhill, Ruth M. Red Man's America. Chicago: University of Chicago, 1953. 400 pp. $7.50.

S Two chapters on the peopling of the Americas, followed by highlights of Indian history and the origin and cultures of Indian groups by geographical regions. AAAS

574 BIOLOGY

Amos, William H. The Life of the Seashore. New York: McGraw-Hill, 1966. 311 pp. $4.95.

ES Ecologically oriented. Presents a wealth of biological material in a highly readable manner. NSTA

Barthelemy, Richard; Dawson, J. R.; and Lee, A. E. Innovations in Equipment and Techniques for the Biology Teaching Laboratory. Boston: Heath, 1964. 128 pp. Paper, $1.95.

ES A guide to inexpensive and easily manufactured laboratory equipment, as well as to the techniques of laboratory teaching. AAAS

*Biological Sciences Curriculum Study. Biology Teachers' Handbook. New York: Wiley, 1963. 585 pp. $7.

S A manual and resource book which explains the BSCS approach to the teaching of biology as a process of scientific inquiry. Explains the content of the Blue, Green, and Yellow Versions; provides a summary of the principles and concepts of the physical sciences, of statistical methods, and of the principles of biochemistry needed by high school biology teachers. AAAS

Brandwein, Paul F., and others. *Teaching High School Biology: A Guide to Working with Potential Biologists.* BSCS Bulletin No. 2. Washington, D.C.: American Institute of Biological Sciences, 1962. 116 pp. Cloth, $3.50; paper, $2.

S A guide to the cultivation of the art of investigation for use by teachers, with special emphasis on the creative student. AAAS

Gray, Peter, editor. *The Encyclopedia of the Biological Sciences.* New York: Reinhold, 1961. 1,119 pp. Illus. $20.

S A scholarly reference of over 800 articles on biological subjects. Uses correct terminology and exhibits scientific thoroughness. AAAS

Jones, Ruth McClung. *Basic Microscopic Technics.* Chicago: University of Chicago, 1966. 334 pp. Illus. $6.50.

S Covers principles. Accurate, detailed instructions for the handling of living and fixed tissues, instrumentation, and the preparation and staining of a large variety of specimens for microscopic study. Alphabetical listing of reagents, supplies, formulas for solutions, equipment referred to in the text, and a list of suppliers. AAAS

Miller, D. F., and Blaydes, Glenn. *Methods and Materials for Teaching Biological Sciences.* Second edition. New York: McGraw-Hill, 1962. 453 pp. $7.95.

ES Deals with objectives, subject matter, methods, text selection, and student project suggestions. Includes material on collecting, culturing, and preserving plant and animal specimens; construction and preparation of laboratory aids; and demonstrations. AAAS

Morholt, Evelyn, and others. *Teaching High School Science: A Sourcebook for the Biological Sciences.* New York: Harcourt, 1958. 506 pp. $7.50.

S Useful techniques in teaching biology, general science, health, botany, and zoology. AAAS

*National Science Teachers Association, NEA. *Biological Science Teaching Tips from TST. Washington, D.C.: the Association, 1967.* 218 pp. Illus. $5.

S A compilation of articles from seven years of *The Science Teacher.* Three major sections: (1) content for the teacher, (2) aids to improve the biology curriculum, and (3) classroom ideas for supplementing the current program. NSTA

*Scheinfeld, Amram. *Your Heredity and Environment.* Philadelphia: Lippincott, 1965. 830 pp. Illus. $12.50.

ES A thorough revision and enlargement of the author's *New You and Heredity.* Essential facts of human biology (embryology, genetics, heredity, and eugenics). New sections on human biochemistry and nucleic acids. Contains glossary, inheritance forecast tables, selected periodical list, and bibliography keyed to various chapters of the book. Basic knowledge for all teachers. AAAS

Silvan, James. Raising Laboratory Animals: A Handbook for Biological and Behavioral Research. New York: Natural History Press, 1966. 225 pp. Illus. Cloth, $4.95; paper, $1.45.

ES Useful to teachers who have had little experience raising laboratory animals. Good illustrations and construction directions. Includes data on natural habitat, feeding, and breeding habits. AAAS, NSTA

*Sinnott, Edmund W.; Dunn, L. C.; and Dobzhansky, Theodosius. Principles of Genetics. Fifth edition. New York: McGraw-Hill, 1958. 459 pp. Illus. $7.85.

S One of the most widely used college textbooks, which has been kept abreast of modern developments through periodic revisions. A superb resource book for high school teachers and good reference material for their students. AAAS

Steiner, Robert F., and Edelhoch, Harold Molecules and Life. Princeton, N.J.: Van Nostrand, 1965. 207 pp. Paper, $1.95.

S Recommended to high school biology teachers who realize that molecular biology is here to stay and want to delve into its fundamentals. A good example of the synthesis of biology and chemistry. NSTA

Witherspoon, James D., and Witherspoon, Rebecca H. The Living Laboratory: 200 Experiments for Amateur Biologists. New York: Doubleday, 1960. 256 pp. Illus. $3.95.

S Recommended for any school that sponsors science fairs or affords opportunity for individual investigation. AAAS

580 BOTANY

Blough, Glenn O. Discovering Plants. New York: McGraw-Hill, 1966. 48 pp. $2.95.

E Written for primary grades; gives a wealth of basic information leading the reader to a well-rounded understanding of the whole plant and the importance of plants in our world. Suggests experiments or observations to help a child discover how plants are structured and how they grow. NSTA

Christensen, Clyde M. The Molds and Man: An Introduction to the Fungi. Third edition. Minneapolis: University of Minnesota, 1965. 284 pp. Illus. $5.50.

S A unique and popular introduction to biology of the fungi, their role as parasites of plants and animals, and their destructive role in stored foods, building materials, and textiles. Information on industrial uses of fungi for good and pharmaceutical projects. Excellent chapter on experiments with fungi, sources of culture materials, and laboratory equipment. References. AAAS

Coulter, Merle C., and Dittmer, Howard J. The Story of the Plant Kingdom. Third edition. Chicago: University of Chicago, 1964. 467 pp. Illus. $5.75.

S Presents a condensed introduction to the plant kingdom in terms of morphology and evolution, incorporating references to recent work in genetics, nucleic acids, photosynthesis, and radioisotopes; glossary. AAAS

Esau, Katherine. Plant Anatomy. Second edition. New York: Wiley, 1965. 767 pp. Illus. $14.95.

S A very thorough coverage of plant anatomy. Covers all primary and secondary tissue systems. An excellent high school reference. Bibliography for each chapter. AAAS

Greulach, Victor A., and Adams, J. Edison. Plants: An Introduction to Modern Botany. Second edition. New York: Wiley, 1967. 636 pp. Illus. $8.95.

S Up-to-date account. Meets the needs of teachers for a survey of physiology, morphology, cytology, ecology, and genetics. Bibliography at end of each chapter. AAAS

Rosenberg, Jerome L. Photosynthesis. New York: Holt, 1965. 126 pp. Illus. Cloth, $2.50; paper, $1.60.

S Brings into clear focus new and exciting experimental results and interpretations in the field of photosynthesis. NSTA

590 ZOOLOGY

Borror, Donald J., and Delong, Dwight M. An Introduction to the Study of Insects. Revised edition. New York: Holt, 1964. 819 pp. Illus. $14.50.

S General information on morphology, reproduction and development, and metamorphosis, followed by separate sections devoted to each order. Contains a section devoted to arthropoda other than insects. Instruction on collecting and preserving insects and insect study projects. A valuable reference for teachers and high school students. AAAS

*Buchsbaum, Ralph. Animals Without Backbones. Second edition. Chicago: University of Chicago, 1948. 405 pp. Illus. $9; text edition, $7.

ES Over 550 photographs from actual life and 327 drawings. Outstanding introduction to invertebrates. Written for high school students and college freshmen, but profitable for younger children and nonspecialist adults as well. AAAS

Colbert, Edwin H. The Age of the Reptiles. New York: Norton, 1965. 228 pp. Illus. $8.50.

S A history of tetrapod life during the Mesozoic, written for nonspecialist readers. Traces development of the four great classes of vertebrates from the late Paleozoic to the end of the Cretaceous, when many forms became extinct. Also describes geographical and ecological setting of lands and seas where these animals lived and died. AAAS

Elliott, Alfred M. Zoology. Third edition. New York: Appleton, 1963. 840 pp. Illus. $7.50.
S A college textbook in zoology organized around the central theme of organic evolution, but taking into account new observations at the cellular and molecular level which fortify the evolutionary concept. Useful supplemental resource for teachers as well as students. AAAS

Hickman, Cleveland P. Biology of the Invertebrates. St. Louis: Mosby, 1967. 673 pp. Illus. $10.
S Discusses invertebrate material in greater depth and detail than is found in the beginning high school or college text. Utilizes adaptation as the chief orienting factor in discussing different invertebrate groups in relation to their respective and varied ecological niches. AAAS

Hooton, Earnest Albert. Up from the Ape. Revised edition. New York: Macmillan, 1946. 788 pp. Illus. $9.95.
S Discusses the evolution of vertebrates. Popular with students and lay readers for many years. AAAS

*Rugh, Roberts. Vertebrate Embryology: The Dynamics of Development. New York: Harcourt, 1964. 600 pp. Illus. $9.50.
S Describes nature of embryology by presenting the normal sequence of events that transforms an apparently structureless egg into an individual having all of the structures, systems, functions, and bodily processes characteristic of a vertebrate species. AAAS

610.73 NURSING

*American Nurses Association. Functions and Qualifications for School Nurses. New York: the Association, 1966. 25 pp. One copy free.
ES Of value to school administrators, school nurses, and others responsible for school health. Defines functions of the school nurse that may be adapted for local needs. AAHPER

*American Nurses Association. A Rationale for School Nurse Certification. New York: the Association, 1966. 20 pp. 35 cents.
ES General information of value to groups interested in up-grading or initiating certification. AAHPER

*American School Health Association. The Nurse in the School Health Program. Special edition. Kent, Ohio: the Association, 1967. 40 pp. 75 cents.

ES Of value to school administrators, school nurses, and others responsible for school health in establishing or improving school health programs. Discusses educational preparation, responsibilities, policy, and evaluative criteria for the nurse serving in the schools. AAHPER

*Cromwell, Gertrude E. The Nurse in the School Health Program. Philadelphia: Saunders, 1963. 126 pp. Illus. $4.25.

ES Of particular value to people responsible for initiating a new school health program. Includes practical suggestions for a minimum school health program. AAHPER

610.9 MEDICAL SCIENCES

Stedman, Thomas L. Stedman's Medical Dictionary. Twenty-first edition. Baltimore: Williams & Wilkins, 1966. 1,680 pp. Illus. $14.95.

S An authoritative medical dictionary that includes anatomical, bacteriological, chemical, dental, pharmacological, veterinary, and other special terms; a discussion of medical etymology; the most recent official anatomical terms and pharmacological preparations; and biographical sketches of figures in the history of medicine. AAAS

612 HUMAN ANATOMY

Berger, Andrew J. Elementary Human Anatomy. New York: Wiley, 1964. 538 pp. Illus. $8.95.

S A chapter devoted to each of the nine systems and one to each major region: head and neck, thorax, abdomen, pelvis, upper limb, and lower limb. AAAS

*Carlson, Anton J.; Johnson, Victor; and Calvert, H. Mead. The Machinery of the Body. Fifth edition. Chicago: University of Chicago, 1961. 752 pp. Illus. $6.50.

S Basic textbook of human physiology that covers all the major systems and organs of the body in 15 well-organized chapters. Physiology and protoplasm; circulatory, respiratory, digestive, excretory, and nervous systems; muscles, sense mechanisms, disease defenses, body chemistry, and reproduction. AAAS

Katz, Bernard. Nerve, Muscle, and Synapse. New York: McGraw-Hill, 1966. 193 pp. Illus. Cloth, $4.95; paper, $2.25.

S Explains what is known about the transmission of messages in the living body. Intended for the college student. Also can be used by the biology teacher and advanced high school students. NSTA

Lyght, Charles E., editor. The Merck Manual of Diagnosis and Therapy. 2 Parts. Tenth edition. Rahway, N.J.: Merck, 1961. 1,907 pp. $7.50.

S Provides physicians and others with organized facts to facilitate accurate diagnosis and promote effective treatment. Etiologic, physiologic, pathologic, and other background material included to facilitate definitive diagnosis. AAAS

629.4 AERONAUTICS, SPACE FLIGHTS, ROCKETS

*Bickel, Joan, and others. Aviation Units for the Primary Grades. Washington, D.C.: National Aerospace Education Council, 1964. 50 cents.

E Three units: "Getting Acquainted with Aviation," "Airport Workers," and "Aviation: Simple Overview." Suggested activities, materials, and methods for integrating aviation subject matter with language arts, music, arithmetic, social studies, etc., in grades 1 through 3. NAEC

*Bowen, Genevieve, and Blatt, Mary M. Earth and Space Guide for Elementary Teachers. Washington, D.C.: National Aerospace Education Council, 1961. 83 pp. $1.

E Based on questions children have asked about the mysteries of the earth, moon, sun, stars, and space. Suggestions to teachers for developing concepts. NAEC

Leavitt, William, and others. The Space Frontier: With Astronautics Glossary. Washington, D.C.: National Aerospace Education Council, 1961. 32 pp. 50 cents.

ES Gives concepts of space and describes problems of space exploration. Illustrated by clear, colorful charts and photographs. Includes a log of U.S. and Soviet satellites and space probes. A Glossary of more than 680 space-age terms. NAEC

*National Aerospace Education Council. Aviation Activities. Washington, D.C.: the Council, 1963. 40 pp. 50 cents.

E A workbook for primary children. Coloring, cut-outs, word-matching games, etc. NAEC

*National Aerospace Education Council. Career Opportunities in Aviation. Washington, D.C.: the Council, 1967. 22 pp. 50 cents.

S A general survey of career opportunities and detailed coverage of the aviation mechanic field, including related high school courses, how to get started, complete roster of FAA-certificated mechanic schools, and sample FAA examination questions (oral, practical, and written). NAEC

*Watts, Virginia, and others. Aerospace Arithmetic. Washington, D.C.: National Aerospace Education Council. 1964. 16 pp. 25 cents.

ES Uses children's interest in aviation and spaceflight to develop arithmetic skills. Prepared under sponsorship of Montana Aeronautics Commission. NAEC

630.7 AGRICULTURE EDUCATION

Bender, Ralph E.; Clark, Raymond M.; and Taylor, Robert E. The FFA and You. Danville, Ill.: Interstate, 1962. 493 pp. Illus. $4.95.

S A "how to do it" book, inspirational in tone. Provides specific suggestions on operating a successful Future Farmers of America chapter. Useful to advisers of FFA chapters as well as to active members of the Future Farmers of America. AVA

Byram, Harold M. Guidance in Agricultural Education. Second edition. Danville, Ill.: Interstate, 1966. 298 pp. Illus. $5.25.

S Written specifically for teachers of agriculture and for guidance counselors. Provides an understanding and knowledge of the growing numbers of occupations designated as agricultural. Discusses specific practices for teaching occupational information in a career unit and using occupational information in teaching technical agriculture subject matter. AVA

Hoover, Norman K. Handbook of Agricultural Occupations. Danville, Ill.: Interstate, 1963. 254 pp. Illus. $4.50.

S A handbook written especially for high school youth who wish to explore employment opportunities in agriculture. Includes brief descriptions of agricultural occupations, especially those which are off the farm. AVA

Hutchison, Chester S. Your Future in Agriculture. New York: Rosen, 1965. 191 pp. $3.78.

S Analyzes the character of modern agriculture, qualifications for success in agriculture, and the range of occupations, such as agricultural engineering, animal industries, business and industry, conservation of natural resources, and rural recreation, etc. AVA

Phipps, Lloyd J. Handbook on Agricultural Education in Public Schools. Danville, Ill.: Interstate, 1965. 774 pp. Illus. $8.95.

S Contains material on Public Law 347 and the Vocational Education Act of 1963, both of which make sweeping changes affecting agricultural education. Covers all aspects of the total program in vocational agriculture in detail. AVA

640 HOME ECONOMICS

American Home Economics Association. Handbook of Food Preparation. Fifth edition. Washington, D.C.: the Association, 1964. 72 pp. $1.

S A standard reference for cooking times, buying guides, descriptions and properties of foods, essentials of recipe construction. Includes glossary. DHE

*American Home Economics Association. Textile Handbook. Third edition. Washington, D.C.: the Association, 1966. 112 pp. $1.50.

S New processes and products in the textile industry. Information on natural and man-made fibers, yarns, fabrics, finishes, dyes, maintenance, labeling, legislation, and standards. DHE

*Arny, Clara B. Evaluation in Home Economics. New York: Appleton, 1953. 92 pp. $5.

S Includes suggestions for planning an evaluation program. Discusses a variety of instruments appropriate for evaluating progress toward objectives in the several areas of home economics. DHE

Brown, Marjorie. Home Learning Experiences in the Home Economics Program. Minneapolis: Burgess, 1963. 63 pp. $2.

S Description of various levels of learning experiences which coordinate home learning with related classroom activities; clarification of the meaning and nature of home learning experiences in the secondary home economics program. DHE

Brown, Marjorie, and Plihal, Jane. Evaluation Materials for Use in Teaching Child Development. Minneapolis: Burgess, 1966. 212 pp. $4.25.

S Learning objectives and devices to further learning in the area of child development. Constructs for learning behaviors based on taxonomy classifications. DHE

Coon, Beulah I. Home Economics Instruction in the Secondary School. New York: Center for Applied Research in Education, 1964. 115 pp. $3.95.

S Changing patterns of preservice curriculums, in-service learning, and continuing education in the preparation of teachers to step up the role of schools in strengthening family, home, and community life. DHE

*Department of Home Economics, NEA. Techniques for Effective Teaching. Washington, D.C.: the Association, 1966. 40 pp. 75 cents.

S Presents a wide range of effective teaching techniques to illustrate certain processes and skills, to stimulate interest, to encourage the development of creative abilities, to provide experiences, and to show how, when, and where these techniques operate best. DHE

Eppright, E.; Pattison, M.; and Barbour, H. Teaching Nutrition. Second edition. Ames: Iowa State University, 1962. 345 pp. $4.95.

S Presents the latest scientifically tested nutrition information, teaching methods, generalizations, and evaluation needed to teach youth and adults how to develop or maintain wholesome attitudes toward nutrition. DHE

*Hatcher, Hazel M., and Andrews, Mildred E. The Teaching of Home Economics. Boston: Houghton Mifflin, 1963. 486 pp. $4.50.

S A practical methods book for secondary school teachers and students preparing to become teachers. Suggests what to teach and how to teach effectively. Incorporates recent educational, scientific, and technological advances in modern curriculum. AVA, DHE

Lippeatt, Selma, and Brown, Helen. Focus and Promise of Home Economics: A Family Orientated Perspective. New York: Macmillan, 1965. 192 pp. $3.95.

S Discusses the historical and sociological development of the family and the implications for teaching home economics. Pinpoints numerous careers in home economics, relating them to family development and needs. DHE

National Education Association, Department of Home Economics. Contemporary Issues in Home Economics. National Conference on Contemporary Issues in Home Economics Education. Washington, D.C.: the Association, 1965. 129 pp. $1.

S A collection of "searching papers" presented by professional educators. Cover areas of current interest in teaching such as identifying and clarifying goals and selecting teachers and facilities. DHE

A New Look at Home Economics Careers. Filmstrip. 75 frames, 12 min., color, sound, $15.70. American Home Economics Association, 1600 20th Street, N.W., Washington, D.C.

S Interprets the home economics profession and college preparation in career recruitment programs. Points out opportunities open to home economics college graduates. DHE

*United States Department of Agriculture. Consumers All, the Yearbook of Agriculture. Washington, D.C.: G.P.O., 1965. $2.75.

S Tells about buying, using, managing, and making consumer goods. Presents facts and statistical information of value to home economists. DHE

Vanderhoff, Morgil. Clothes, Part of Your World. Boston: Ginn, 1968. Illus. $6.

S Textbook based on concepts and generalizations developed through the National Curriculum Project in Home Economics. Planned to guide students in acquiring a broad concept of clothing and to encourage them in further study of clothing. Detailed charts and a wide variety of learning experiences developed in the text. DHE

Wood, Mildred Weigley. Observation of Children in a Home Economics Program. Phoenix, Ariz.: Home Economics Division, State Department of Vocational Education. $1. (Available from Arizona Association of Future Homemakers of America, 400 State Building, Phoenix, Ariz.)

S Based on many experiences in Arizona and other states in organizing and conducting "play schools" during the regular school year, in summer school sessions, and at state conferences. Observation guides and special activities also included. DHE

640.7 HOME ECONOMICS EDUCATION

*Chaney, Margaret S., and Ahlborn, Margaret. Nutrition. Seventh edition. Boston: Houghton Mifflin, 1966. 511 pp. Illus. $7.25.
S Deals with the health of the individual as influenced by food and the ability of the body to use it. AVA

*Ehrenkranz, Florence, and Inman, Lydia. Equipment in the Home. Second edition. New York: Harper, 1966. 350 pp. Illus. $9.
S The application of chemical and physical principles to the selection, operation, and care of household equipment. Clear and easy to understand. Buying guides for major equipment and portable appliances included at the end of chapters. AVA

*Gross, Irma H., and Crandall, Elizabeth W. Management for Modern Families. Second edition. New York: Appleton, 1954. 579 pp. Illus. $6.50.
S Revised and updated. Stresses the decision making and managerial process per se in order to provide basic principles for homemaking situations. AVA

*Justin, Margaret M., and others. Foods. Fifth edition. Boston: Houghton Mifflin, 1966. $7.50.
S An extensively reorganized, rewritten, and updated edition. Includes material on nutrition, food preparation, marketing, meal service, and food preservation. AVA

*May, Elizabeth E.; Waggoner, Neva R.; and Boettke, Eleanor M. Homemaking for the Handicapped. New York: Dodd, Mead, 1966. 206 pp. Illus. $7.50.
S A resource book in home management for people with physical limitations and their families and for professional personnel concerned with rehabilitation. Based on the results of a five-year research program (1955-60) cosponsored by the U.S. Office of Vocational Rehabilitation and the School of Home Economics, University of Connecticut. AVA

*Moore, Bernice Milburn, and Holtzman, Wayne H. Tomorrow's Parents: A Study of Youth and Their Families. Austin: University of Texas, 1965. 371 pp. $7.50.
S Presents and analyzes the findings of a survey focused on the social, emotional, and intellectual development of today's youth. Based on contacts with 13,000 students from 189 high schools in Texas. Includes chapters of special interest to home economics teachers. AVA

*Nickell, Paulena, and Dorsey, Jean Muir. Management in Family Living. Fourth edition. New York: Wiley, 1967. 554 pp. $8.95.

S An analytical approach to the management situations and problems faced by the homemaker. AVA

*Obst, Frances Melanie. Art and Design in Home Living. New York: Macmillan, 1963. $7.95.

S A valuable reference for home economics teachers. Emphasis on planning a home that is individual and right for the family for which it is designed. AVA

*Taylor, James L., and Christian, Johnie. Planning Functional Facilities for Home Economics Education. Special Publication No. 12. U.S. Department of Health, Education, and Welfare, Office of Education. Washington, D.C.: G.P.O. 45 cents.

S Designed to assist planners of home economics departments to prepare meaningful educational specifications for functional space and facilities. Does not propose to set standards, but rather to illustrate an approach to good planning and to stimulate the imagination of those who will be responsible for making plans. AVA

*U.S. Department of Health, Education, and Welfare. Parent and Family Life Education. Children's Bureau Publication No. 434-1965. Washington, D.C.: G.P.O. 30 cents.

S Practical guidelines for leaders working with low-income families. AVA

*Wilhelms, Fred T.; Heimerl, Ramon P.; and Jelley, Herbert M. Consumer Economics. Third edition. New York: McGraw-Hill, 1966. 495 pp. Illus. $6.12.

S Attempts to give an understanding of our economic system that will help consumers to get the most from that system. Discusses the American economy and its operation, the role of the consumer in the economy, and major areas in which consumers need help in making wise decisions. Includes a Student Activity Guide and a Teacher's Manual and Key. A useful reference and resource for home economics teachers. AVA

650.7 BUSINESS EDUCATION

*Crank, Doris H., and Crank, Floyd L., editors. New Perspectives in Education for Business. Yearbook of the National Business Education Association, NEA. Washington, D.C.: the Association, 1963. 440 pp. $4.75.

S An overview of education for business, including office occupations. AVA

*National Office Management Association. Education for Office Employment, A Program of Action. Willow Grove, Pa.: the Association, 1963. 44 pp. $5.

S A report of the proceedings of the "Charterhouse" conference, setting forth problems and possible solutions as seen by NOMA members and consultants. AVA

*U.S. Department of Health, Education, and Welfare, Office of Education. Office Education, Report of a National Conference. Washington, D.C.: G.P.O., 1961. 29 pp. 20 cents.

S The determination of the nature, scope, and constraints of education for office occupations as seen by experts in the field of business education in 1960. Suggests guides for action and implementation and explains the importance of suggested guides. AVA

680 INDUSTRIAL ARTS AND TRADE

American Council on Industrial Arts Teacher Education. Action and Thought in Industrial Arts Education. Twelfth Yearbook. New York: McKnight, 1963. 136 pp. $6.60.

ES A search for clarification and analysis of the basic ideas that form the philosophical foundations of industrial arts. Historical information along with current trends in the thinking in industrial arts. AIAA

American Council on Industrial Arts Teacher Education. Approaches and Procedures in Industrial Arts. Fourteenth Yearbook. New York: McKnight, 1965. 143 pp. $6.60.

ES Concerned with three broad aspects of industrial arts: (a) its place in education and the basis on which it should be organized as a curriculum area; (b) teaching procedures that will bring about the desired development of industrial arts; and (c) organizational practices which promote efficiency. AIAA

*American Council on Industrial Arts Teacher Education. Classroom Research. Thirteenth Yearbook. New York: McKnight, 1964. 191 pp. $6.60.

ES An essential book for classroom research in industrial arts. Covers such topics as "Research and the Classroom Teacher," "The Research Process," "The Tools of Classroom Research," and "Interpreting and Evaluating Research." AIAA

American Council on Industrial Arts Teacher Education. Essentials of Preservice Preparation. Eleventh Yearbook. New York: McKnight, 1962. 189 pp. $6.60.

ES A delineation of the theory and arguments underlying the contemporary undergraduate curriculum in industrial arts teacher education. AIAA

American Council on Industrial Arts Teacher Education. Evaluation Guidelines for Contemporary Industrial Arts Programs. Sixteenth Yearbook. New York: McKnight, 1967. 120 pp. $6.60.

ES Describes model approaches, activities, facilities, resources, teachers, and learners. Questions at the end of each chapter designed to provoke discussion among those who are genuinely interested in developing exceptional industrial arts education programs. AIAA

American Industrial Arts Association, NEA. Developing Human Potential Through Industrial Arts. 27th Annual Convention Proceedings. Washington, D.C.: the Association, 1965. 267 pp. Cloth, $4.50; paper, $3.50.

ES Methods of teacher instruction in the industrial arts as related to community and student needs. Sample programs, student psychology of learning, and philosophical foundations of industrial arts education. AIAA

American Industrial Arts Association, NEA. Federal Aid for Industrial Arts. Washington, D.C.: the Association, 1966. 96 pp. $3.75.

ES Recommendations of the Conference on Federal Aid for Industrial Arts held by the American Industrial Arts Association, January 24-26, 1966. Discusses methods of obtaining funds by directing proposals toward present federal aid legislation. AIAA

American Industrial Arts Association, NEA. Frontiers in Industrial Arts Education. 28th Annual Convention Proceedings. Washington, D.C.: the Association, 1966. $4.50.

ES A professional reference work for the industrial arts teacher. Trends in industrial arts philosophy, current federal legislation, needs of industry today and in the future. AIAA

Bakamis, William A. Improving Instruction in Industrial Arts. Milwaukee: Bruce, 1966. 269 pp. Illus. $4.75.

ES A text for improvement of industrial arts through supervision. Contains a definition of supervision; relates the duties of a supervisor and techniques of supervision. Contains various appendices dealing with supervisory report writing. AIAA

Elementary Industrial Arts. Film. 20 min., sound, color, $150; rental, free. American Council on Elementary School Industrial Arts. Available from Los Angeles City Schools Audio Visual Department.

E Shows industrial arts integrated within the elementary school curriculum in the Los Angeles City schools. AIAA

Friese, John F. Course Making in Industrial Education. Revised edition. Peoria, Ill.: Bennett, 1966. 300 pp. $6.

S The method of building an instructional course with an established scope and format. Discussion of the relationship of curriculum, philosophy, and methods. Sample instructional outlines and course abstracts condensed and compared. AIAA

Gallington, Ralph O., and Giachino, J. W. Course Construction in Industrial Arts and Vocational Education. Second edition. Chicago: American Technical Society, 1961. 234 pp. $4.95.

ES The results of experiments in course construction and guidelines for developing instructional plans, educational philosophy, and planned instructional practices. Attempts to provide the fundamental principles of writing a practical course of study. AIAA

Gerbracht, Carl, and Babcock, Robert J. Industrial Arts for Grades K-6. Milwaukee: Bruce, 1959. 160 pp. $3.50.
E Written to serve two main groups: persons enrolled in teacher education programs and teachers in service who feel the need for clarification of the industrial arts activity concept. A ready source of information on ways and means of developing an integrated industrial arts program. AIAA

*Miller, Rex, and Smalley, Lee H. Selected Readings for Industrial Arts. New York: McKnight, 1963. 357 pp. $5.80.
S Contains information on the history of industrial arts, development of an industrial arts philosophy, and organization of industrial arts materials. An excellent book for background information in teacher training. AIAA

Olson, Delmar W. Industrial Arts and Technology. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 367 pp. $9.65; text edition, $7.25.
ES Discusses the improving of traditional industrial arts programs to meet the challenge of technology. AIAA

Silvius, Harold G., and Curry, Estell H. Teaching Successfully the Industrial Arts and Vocational Subjects. New York: McKnight, 1959. $6.
S Essentially a methods handbook dealing with the theory, organization, and presentation of instructional materials. Examples of typical teacher plans, assignments, and bibliographies. AIAA

Wilber, Gordon O. Industrial Arts in General Education. Revised edition. Scranton, Pa.: International Textbook, 1954. 401 pp. $5.
ES Deals with the principles and methods of teaching industrial arts. A source of information for teachers who wish to keep abreast of progressive thinking in the professional aspects of industrial arts. AIAA

Williams, William A., editor. Accident Prevention Manual for Shop Teachers. Chicago: American Technical Society, 1963. 550 pp. $7.50.
ES Discusses importance of industrial and school shop safety. Gives examples of methods of safety promotion in the school shop, and explores the liability of the shop teacher. Contains an excellent bibliography. AIAA

700 ART

Ackerman, James S., and Carpenter, Rhys. Art and Archaeology. Englewood Cliffs, N.J.: Prentice-Hall, 1963. 214 pp. $5.95.
ES An excellent introduction to the related fields of archaeology and the history of art. Each section provides necessary facts and opens the door to the personal satisfactions possible in critical study. NAEA

Andrews, Michael F. Creative Printmaking, For School and Camp Programs. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 159 pp. Illus. $9; text edition, $6.75.

ES A solid introduction to most of the graphic media including photography. NAEA

Arnheim, Rudolf. Art and Visual Perception: A Psychology of the Creative Eye. Berkeley: University of California, 1965. 485 pp. Illus. Paper, $3.95.

ES Reports on years of experimentation and thought leading to the belief that perceiving is thinking and all observation is invention. NAEA

Barford, George. Clay in the Classroom: A Means to Creative Expression. Worcester, Mass.: Davis, 1963. 118 pp. Illus. $6.25.

ES A complete, logical, and simple description of the many ways clay can be worked. Suitable for a beginner at any level. NAEA

Barkan, Manuel. Through Art to Creativity. Boston: Allyn & Bacon, 1960. 365 pp. Illus. $6.95.

ES Detailed examples of good teaching of art in the elementary schools; theory of the teaching of art; analysis of actual teaching situations. NAEA

Battcock, Gregory, editor. The New Art: A Critical Anthology. New York: Dutton, 1966. 254 pp. Illus. Paper, $1.75.

S Lucid, if biased, statements about the current art scene. NAEA

Betts, Victoria Bedford. Exploring Papier-Mache. Worcester, Mass.: Davis, 1955. 132 pp. Illus. $6.

ES A comprehensive manual for classroom use with description of techniques and pictures. NAEA

Bland, Jane Cooper. Art of the Young Child, 3 to 5 years. New York: Museum of Modern Art, 1957. 47 pp. Illus. $2.95.

E A pamphlet on the art of children from 3 to 5 years of age. Illustrated in color and black and white with descriptions of the development of creative expression and ways in which adults can help in this development. NAEA

Boas, George. The Heaven of Invention. Baltimore: Johns Hopkins University, 1963. 394 pp. $6.95.

ES A modern philosopher discusses aesthetics and art criticism in an easily readable if highly personal way. NAEA

Brittain, W. Lambert, editor. Creativity and Art Education. Washington, D.C.: National Art Education Association, NEA, 1964. 147 pp. $1.50.

ES A symposium of important studies and research in art education and creativity. Articles by Lowenfeld, Taylor, Torrance, Beittel, Burkhart, and others. Includes a nine-page bibliography on studies in creativity. NAEA

Conrad, George. The Process of Art Education in the Elementary School. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 296 pp. Illus. $8.75.
E Competent exposition of the productive aspects of the art program, but very light on the appreciative goals. NAEA

Dewey, John. Art as Experience. New York: Putnam, 1959. 355 pp. Paper, $1.75.
S Aesthetic experience viewed as part of man's total experience. NAEA

Eisner, Elliot W., and Ecker, David W., editors. Readings in Art Education. Waltham, Mass.: Blaisdell, 1966. 468 pp. Illus. $8.50.
ES Thoughtful selections from the wide range of printed material on art education. Several original pieces by the editors. NAEA

Feldman, Edmund Burke. Art as Image and Idea. Englewood Cliffs, N.J.: Prentice-Hall, 1967. 512 pp. Illus. $11.95; text edition, $8.95.
S A lucid account of the potential role art may have in our lives. NAEA

Gombrich, E. H. Art and Illusion: A Study in the Psychology of Pictorial Representation. New York: Pantheon, 1960. 466 pp. Illus. $10.
ES Attempts to show why understanding of man's nature and perceptual mechanism is essential to a full appreciation of his works of art. NAEA

Gombrich, E. H. The Story of Art. New York: Phaidon, 1965. 485 pp. Illus. $7.50. New York: Oxford University, paper, $4.50.
ES One of the clearest and simplest chronological surveys of art in print. NAEA

Greenberg, Pearl. Children's Experiences in Art. New York: Reinhold, 1966. 132 pp. Illus. $7.50.
E A fine statement drawn from years of teaching about the way children create and how to help them achieve greater satisfaction. NAEA

Hook, Sidney, editor. Art and Philosophy: A Symposium. New York: New York University, 1966. 346 pp. $6.50.
ES Stimulating presentation of the various contemporary philosophical positions with critical opposing comments included. NAEA

Humphreys, Alfred W. Films on Art. Washington, D.C.: National Art Education Association, NEA, 1964. 64 pp. $1.50.
ES This resource guide gives descriptions and information on availability for over 1,500 new listings. NAEA

Janson, H. W. History of Art. New York: Abrams, 1962. 572 pp. Illus. $18.50; text edition, New York: Prentice-Hall, $11.95.

ES Probably the most used history of art because of its scope, personal critical analysis, and choice and reproduction of the illustrations. NAEA

Janson, H. W. Key Monuments of the History of Art: A Visual Survey. New York: Abrams, 1962. 1,068 pp. Illus. $12.50.

ES A picture resource which identifies 1,000 or so major art objects. Large black and white photographs with complete labels. NAEA

Kaufman, Irving. Art and Education in Contemporary Culture. New York: Macmillan, 1966. 531 pp. Illus. $6.95.

ES An ambitious overview of the many roles art plays in society. Focus on the function of the teacher and his need to seek a personal way of operating. NAEA

Kepes, Gyorgy, editor. Education of Vision. New York: Braziller, 1965. 233 pp. Illus. $12.50; students' edition, $8.50.

ES First volume of the "Vision + Value " Series of six books. Deals primarily with vision and perception—an exciting entry into a vital realm of art education. NAEA

Klemin, Diana. The Art of Art for Children's Books: A Contemporary Survey. New York: Potter, 1966. 128 pp. Illus. $6.95.

E Essentially an illustrated catalog of examples of fine illustration with helpful annotations. NAEA

Krum, Josephine R. Hand-Built Pottery. Scranton, Pa.: International Textbook, 1960. 116 pp. Illus. $5.

ES Sets the psychological stage for working with clay by supplying a simple illustrated history. NAEA

Logan, Fred M. Growth of Art in American Schools. New York: Harper, 1955. 310 pp. $4.50.

ES Traces the historical development of art education in the United States, mentioning leaders in the field, ideas, and movements. Current trends discussed. NAEA

Lowenfeld, Viktor, and Brittain, W. L. Creative and Mental Growth. Fourth edition. New York: Macmillan, 1964. $7.50; text edition, $2.95.

ES A classic study modified and brought up to date so that it is now more valuable than ever in relating psychological and creative development. NAEA

McFee, June K. Preparation for Art. Belmont, Calif: Wadsworth, 1961. 341 pp. Illus. $7.95.

ES Deals with anthropological, cultural, and psychological foundations for art education. NAEA

Merritt, Helen. Guiding Free Expression in Children's Art. New York: Holt, 1964. 88 pp. Paper, $2.50.

E A down-to-earth statement by a practitioner who likes children and has had success teaching them about art. NAEA

Mumford, Lewis. Art and Technics. New York: Columbia University, 1960. 162 pp. Paper, $1.25.

ES Several essays which examine the effect of contemporary technology on the artist and the appreciating audience. NAEA

National Art Education Association, NEA. Art Education in the Junior High School. Washington, D.C.: the Association, 1964. 176 pp. $2.75.

S A companion volume to Art Education in the Secondary School. Deals with curriculum, evaluating and reporting progress, research, exhibits and public relations, scheduling, art facilities, equipment and supplies, outcomes, and recommended books and materials. NAEA

National Art Education Association, NEA. Art in the Secondary Schools. Washington, D.C.: the Association, 1961. 102 pp. $2.50.

S Question-and-answer format. Includes chapters on the curriculum, scheduling art exhibits, evaluation, and art rooms and equipment. NAEA

National Art Education Association, NEA. Conference on Curriculum and Instruction Development in Art Education: A Report. Washington, D.C.: the Association, 1967. 132 pp. $1.

ES Report of the fall 1966 conference sponsored by USOE and NAEA. NAEA

National Art Education Association, NEA. Planning Facilities for Art Instruction. Washington, D.C.: the Association, 1962. 60 pp. $1.50.

ES A comprehensive guide to planning art facilities at all instructional levels. Recommends minimum space requirements based on program needs. Includes 16-page floor plan supplement. NAEA

National Art Education Association, NEA. Slides and Filmstrips on Art. Washington, D.C.: the Association, 1967. 40 pp. $1.

ES Second in the series of resource guides. NAEA

Pattemore, Arnel W. Printmaking Activities for the Classroom. Worcester, Mass.: Davis, 1966. 110 pp. Illus. $7.50.

ES A wide range of techniques suitable for the very young, but adaptable for more advanced students. Clear directions and fair examples of children's work. NAEA

Peterdi, Gabor. Printmaking: Methods Old and New. New York: Macmillan, 1959. 303 pp. Illus. $12.50.

ES As complete a handbook on printmaking techniques as is printed. Written by a master etcher. NAEA

Read, Herbert. A Concise History of Modern Painting. New York: Praeger, 1959. 376 pp. Illus. Cloth, $7.50; paper, $3.95.

ES A capsule summary of the major movements of this century. Large number of reproductions useful for tracing trends and identifying artists. NAEA

Redfield, Robert; Herskovits, Melville J.; Ekholm, Gordon F., editors. Aspects of Primitive Art. New York: New York Graphic Society, 1959. 100 pp. Illus. $2.75.

ES Three significant statements describing the archaeologist's and anthropologist's view of art and man. NAEA

Rottger, Ernst, and Klante, Dieter. Creative Drawing: Point and Line. New York: Reinhold, 1964. 143 pp. Illus. $4.95.

E Discusses the possibilities of line drawing for children of all ages. Primarily a series of organized reproductions and extended captions. NAEA.

Shinneller, James A. Art: Search and Self-Discovery. Scranton, Pa.: International Textbook, 1961. 322 pp. Illus. $7.

ES A question-and-answer approach to art appreciation. Profusely illustrated blend of history, aesthetics, and criticism. NAEA

Smith, Ralph A., editor. Aesthetics and Criticism in Art Education: Problems in Defining, Explaining and Evaluating Art. New York: Rand McNally, 1966. $6.

ES A particularly important collection in the current phase of art education development, with a strong section on the art of the film. NAEA

Taylor, Joshua C. Learning To Look: A Handbook for the Visual Arts. Chicago: University of Chicago, 1957. 152 pp. Illus. Cloth, $4.50; paper, $1.95.

ES A guide for developing skills of appreciation. Clearly written and carefully illustrated. NAEA

Weitz, Morris, editor. Problems in Aesthetics: An Introductory Book of Readings. New York: Macmillan, 1959. 697 pp. $8.50.

ES An anthology covering the field from Plato to the present. A fine introduction to the field. NAEA

Yoshida, Toshi, and Yuki, Rei. Japanese Printmaking: A Handbook of Traditional and Modern Techniques. Rutland, Vt.: Tuttle, 1966. 176 pp. Illus. $10.

ES Precise instructions, clearly and handsomely illustrated, of the many techniques employed in making a wide range of wood cuts. NAEA

720 ARCHITECTURE

Millon, Henry A., and Frazer, Alfred. Key Monuments of the History
S of Architecture. New York: Abrams, 1965. 654 pp. Illus. $17.50.
Attempts to provide a conceptual framework for the broad sweep of photographs. NAEA

*Rasmussen, Sten Eiler. Experiencing Architecture. Second edition. Cambridge, Mass.: M.I.T., 1962. 245 pp. Illus. Paper, $2.95.
ES Perhaps the finest introduction to appreciating architecture as an aesthetic experience. A personal, lucid, and convincing statement. NAEA

Wright, Frank Lloyd. The Living City. New York: Horizon, 1958. 222 pp. Cloth, $10. New York: New American Library. Paper, 75 cents.
S Philosophy, predictions, and thoughts on architecture mingled to give a vivid impression of Wright, the architect, and his architecture. NAEA.

Zevi, Bruno. Architecture as Space: How to look at Architecture. New York: Horizon, 1957. 288 pp. Illus. $10.
S A strong statement about the way one ought to look at architecture—not as sculpture but as functioning space. NAEA

730 SCULPTURE

Read, Herbert. A Concise History of Modern Sculpture. New York: Praeger, 1964. 310 pp. Illus. Cloth, $7.50; paper, $3.95.
ES Although the most recent developments are treated rather summarily, provides as good and brief a survey of this century's sculpture as is available. NAEA

Rich, J. C. Materials and Methods of Sculpture. New York: Oxford University, 1947. 416 pp. Illus. $12.50.
S Still the most complete resource for technical information up to the age of plastics and welded sculpture. NAEA

Rottger, Ernst. Creative Wood Design. New York: Reinhold, 1961. 94 pp. Illus. $5.50.
ES Designed to arouse interest in wood carving. For teachers, students, and persons interested in crafts. NAEA

770 PHOTOGRAPHY

Lyons, Nathan, editor. Photographers on Photography: A Critical Anthology. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 256 pp. Illus. $11.95.

S The development of photography in this century as seen in the works and through the words of 23 of the leading practitioners. Excellent bibliography and biographic material. NAEA

Szarkowski, John. The Photographer's Eye. New York: Museum of Modern Art, 1966. 156 pp. Illus. Paper, $3.95. New York: Doubleday, 1966. Cloth, $5.95.

ES With a few words and 172 pictures the significance of photography as an art medium is demonstrated. Nontechnical but extremely effective. NAEA

780 MUSIC

Association for Childhood Education International. Music for Children's Living. Bulletin No. 96. Washington, D.C.: the Association, 1955. 48 pp. 75 cents.

E Concise overview of music in the elementary school. Written by five music educators and a principal of a country day school. Designed to encourage classroom teachers to use and understand values of music experience with children. MENC

*Barzun, Jacques. Music in American Life. Gloucester, Mass.: Peter Smith, 1956. 126 pp. Cloth, $3.75. Bloomington: Indiana University, 1962. Paper, $1.75.

S A significant contribution in a vast and complex field. MENC

Birge, Edward Bailey. History of Public School Music in the United States. Washington, D.C.: Music Educators National Conference, NEA, 1962. 323 pp. $3.50.

ES A standard reference on the growth and development of music in the public schools up to 1939. MENC

Chase, Gilbert. The American Composer Speaks: A History Anthology, 1770-1965. Baton Rouge: Louisiana State University, 1967. 318 pp. $7.50.

S Collection of essays designed to answer questions on individual composers, their theories of music, and artistic creation. Discusses the problems the composer faces in our society. MENC

*Chase, Gilbert. America's Music from the Pilgrims to the Present. New York: McGraw-Hill, 1955. 733 pp. $11.25; text edition, $7.95.

ES Covers the development of North American music. A bibliography and notes on recordings included. MENC

Debussy, Claude, and others. Three Classics in the Aesthetics of Music. New York: Dover, 1962. 188 pp. Paper, $1.50.

S Contains "Monsieur Croche, the Dilettante Hater" by Debussy; "Sketch of a New Aesthetic of Music" by Ferrucio Busoni; and "Essay Before a Sonata" by Charles Ives. MENC

Davis, Hazel, and Webb, Lois N., editors. Music and Art in the Public Schools. NEA Research Monograph 1963-M3. Washington, D.C.: National Education Association, 1963. 88 pp. $1.50.

ES A survey of conditions with respect to art and music in the public schools in 1962 as compared with five years earlier. MENC

Ernst, Karl D., and Gary, Charles L. Music in General Education. Washington, D.C.: Music Educators National Conference, 1965. 224 pp. Paper, $2.50.

ES A consideration of the schools' responsibility for the musical education of all students over the full 12-year period. MENC

Gary, Charles L., editor. Music Buildings, Rooms and Equipment. Washington, D.C.: Music Educators National Conference. 1966. 119 pp. $4.50.

ES A book designed to help those planning music facilities. Provides much technical information on location, area requirements, acoustics, heating and ventilating, illumination, and equipment. Illustrated with plans and photographs. MENC

*Grout, Donald J. History of Western Music. New York: Norton, 1960. 742 pp. Illus. $10.35; shorter edition, 1964. $7.65; text edition, $5.75.

S Scholarly treatment of music history in Western civilization. MENC

Hamm, Charles. Opera. Boston: Allyn & Bacon, 1966. 245 pp. $7.25.

S Explains basic principles underlying opera form to enable the reader to enjoy all operas. MENC

Henry, Nelson B., editor. Basic Concepts in Music Education. Fifty-Sixth Yearbook, National Society for the Study of Education, Part I. Chicago: University of Chicago, 1958. 362 pp. $4.

ES Section I—fundamental concepts of related disciplines such as philosophy, psychology, and sociology. Section II—relation of these concepts, with their implications for music education, to the major problems in the area. MENC

*Hermann, E. J. Supervising Music in the Elementary School. Englewood Cliffs, N.J.: Prentice-Hall, 1965. 210 pp. $5.95.

E Deals with problems of supervision in elementary music education. Clearly defines the role of the music specialist. MENC

*Jacobs, Arthur, editor. Choral Music. Baltimore: Penguin, 1966. 444 pp. $1.85.

S More than 20 American and British contributors. Traces choral music from the Middle Ages to the twentieth century. MENC

Kowall, Bonnie C., editor. Perspectives in Music Education. Source Book III. Washington, D.C.: Music Educators National Conference, NEA, 1966. 576 pp. $6.

ES A collection of outstanding recent writings on music education by 84 authors from 31 publications. MENC

Kraus, Richard G. Folk Dancing: A Guide for Schools, Colleges, and Recreation Groups. New York: Macmillan, 1962. 222 pp. $5.95.

ES Diagrams, formations, recordings for traditional dances. MENC

La Salle, Dorothy. Rhythms and Dances for Elementary Schools. Revised edition. New York: Ronald, 1951. 201 pp. $5.

E Movement fundamentals, characterizations, singing games, simple folk dances, intermediate and advanced folk dances. MENC

Leonhard, Charles, and House, Robert W. Foundations and Principles of Music Education. New York: McGraw-Hill, 1959. 375 pp. $6.95.

S Useful in developing a philosophy of music education. Oriented toward the prospective music teacher. MENC

Mellers, Wilfrid. Music in a New Found Land: Themes and Developments in the History of American Music. New York: Knopf, 1964. 543 pp. $6.95.

S A discerning British writer and composer's confrontation with the mainstream of twentieth-century American music. MENC

Monsour, Sally, and Perry, Margaret. A Junior High School Music Handbook. Englewood Cliffs, N.J.: Prentice-Hall, 1963. Illus. 135 pp. $3.95.

S A practical guide, complete with many musical examples and helpful suggestions for teachers. MENC

Mursell, James L. Music and the Classroom Teacher. Park Ridge, Ill.: Silver Burdett, 1951. 304 pp. $3.80.

ES Foundations of the music program (aims, orientation, and content), special areas of the program (reading, singing, playing instruments, rhythmic activities, and listening), and coordination of the program. MENC

*Nordholm, Harriet. Singing in the Elementary Schools. Englewood Cliffs, N.J.: Prentice-Hall, 1966. 94 pp. Cloth, $4.50; paper, $1.95.

E Part of the Foundations of Music Education Series, which provides authoritative treatment of important professional concerns. Deals in depth with song as the foundation of the school music program. MENC

Nye, Robert E., and Nye, Vernice. Music in the Elementary School. Second edition. Englewood Cliffs, N.J.: Prentice-Hall, 1964. 405 pp. $8.65; text edition, $6.50.

E Concerned with various aspects of the standard elementary music program. Special attention given to relationships between classroom teacher and music consultant. MENC

Schwadron, Abraham A. *Aesthetics: Dimensions for Music Education.* Washington, D.C.: Music Educators National Conference, NEA, 1967. 130 pp. $2.25.

ES An introduction to aesthetics for the music educator. Includes a review of aesthetic theories and philosophies of education. MENC

*Serposs, Emile H., and Singleton, Ira C. *Music in Our Heritage.* Park Ridge, Ill.: Silver Burdett, 1962. 234 pp. $4. Set of two playing records, $12.

S A source book for teaching music literature. An effective course of study for the general high school music class, including hearing and singing. MENC

Singleton, Ira C. *Music in Secondary Schools.* Boston: Allyn & Bacon, 1963. 404 pp. $9.65; text edition, $7.25.

S Comprehensive treatment given to general music, choral activities, and instrumental music. MENC

Snyder, Keith D. *School Music Administration and Supervision.* Second edition. Boston: Allyn & Bacon, 1965. 332 pp. Illus. $7.25.

S In two parts: "Leadership in Human Relations," and "Leadership in Operational Activities." Contains valuable appendices and bibliographic references. MENC

Sur, William R., and Schuller, Charles F. *Music Education for Teen-Agers.* Second edition. New York: Harper, 1966. 466 pp. $9.95.

S Appropriate textbook for either a methods course in secondary music education or for the new or experienced teacher. Music is presented in terms of its social and educational importance. MENC

Swoboda, Henry, editor. *The American Symphony Orchestra.* New York: Basic Books, 1967. 208 pp. $5.95.

S Twenty-one articles drawn from interviews with Erich Leinsdorf, Leopold Stokowski, Martin Bookspan, Julius Bloom, and others concerning the development of America's leading orchestras. MENC

800 LITERATURE

*Brooks, Cleanth, and Warren, Robert Penn. *Understanding Poetry.* Third edition. New York: Holt, 1960. 584 pp. $10; text edition, $7.50.

S Discusses poetry as specialization of ordinary speech, written by and to be read by human beings. Clearly illustrates an inductive, concrete method for analyzing hundreds of great poems. Includes many narrative and descriptive poems and covers tone, imagery, and theme. NCTE

*Committee on the Right To Read. The Students' Right To Read. Champaign, Ill.: National Council of Teachers of English, 1962. 21 pp. 25 cents; 6 for $1; 25 or more, 10 cents each.
ES NCTE position on censorship and book selection, including suggested procedures for book adoptions, a recommended form for complaints about books, and an open letter to parents (available separately). NCTE

Frye, Northrop. The Educated Imagination. Bloomington: Indiana University, 1964. 156 pp. $4.50.
S Presents a theory of literature—specifically the type of reality literature embodies. Discusses teaching literature to children and the fundamental concept with which teachers should begin. NCTE

*Thrall, William Flint; Hibbard, Addison; and Holman, C. Hugh. A Handbook to Literature. Revised and enlarged edition. New York: Odyssey, 1960. Cloth, $4.50; paper, $2.50.
S An indispensable reference for teachers and serious students of literature. Definitions and discussions of words and phrases related to the critical study of literature. Includes an essay on standard works on English and American literature and an outline of literary history. NCTE

Walter, Nina Willis. Let Them Write Poetry. New York: Holt, 1962. 179 pp. $3.25.
ES Practical and inspiring book on teaching poetry appreciation through writing poetry. Includes many good examples of student writing. NCTE

808.5 SPEECH

Balcer, Charles L., and Seabury, Hugh F. Teaching Speech in Today's Secondary Schools. New York: Holt, 1965. 435 pp. $7.50.
S Discusses approaches to teaching speech in detail: fundamentals approach, activities approach, and subject-matter approach. SAA

Brooks, Keith, editor. The Communicative Arts and Sciences of Speech. Columbus, Ohio: Merrill, 1967. 610 pp. $7.95.
ES Presents an overall view of rhetoric and public address, communicology, speech and hearing science, oral interpretation, television and radio, theatre, and speech education. SAA

Byrne, Margaret C. The Child Speaks: A Speech Improvement Program for Kindergarten and First Grade. New York: Harper, 1965. 130 pp. Paper, $3.75.
E A syllabus written for kindergarten and first grade for listening and for work with frequently defective sounds. SAA

Crosscup, Richard. Children and Dramatics. New York: Scribner's, 1966. 271 pp. $5.95.

E Creative dramatics from point of view that process is more important than product. Discusses make-believe, dramatic fun and games, pantomime, improvisation, shadows and pictures, dance and music, original plays, with illustrations from author's experience. NCTE

Ecroyd, Donald H. Speech in the Classroom. Englewood Cliffs, N.J.: Prentice-Hall, 1960. 152 pp. $7.95; text edition, $5.95.

ES Planned to help develop speaking skills of teachers and to give insight into kinds of speech problems faced by elementary and secondary teachers. SAA

Huckelberry, Alan W., and Strother, Edward S. Speech Education for the Elementary Teacher. Boston: Allyn & Bacon, 1966. 280 pp. $6.25.

E Tells how to improve the speech of elementary school children and how to direct various speech activities. SAA

*Jenkinson, Edward B., editor. Teacher's Guide to High School Speech. Indianapolis: Indiana Department of Public Instruction, 1966. 249 pp. $1.75. Distributed by the Speech Association of America, Statler Hilton Hotel, New York, N.Y. 10001.

S Provides content descriptions for the following courses: basic speech, advanced speech, dramatic arts, and broadcasting. Includes a section on cocurricular activities. SAA

Mearns, Hugh. Creative Power. Second edition. New York: Dover, 1958. 272 pp. $1.75.

ES Techniques for encouraging creative expression in speech, writing, and dramatic play. NCTE

Ogilvie, Mardel. Teaching Speech in the High School. New York: Appleton, 1961. 434 pp. $4.75.

S Based on observations of teachers in public schools. Describes principles and practices of these teachers. SAA

Pronovost, Wilbert L. Teaching of Speaking and Listening in the Elementary School. New York: McKay, 1959. 338 pp. $4.50.

E Includes guides for teaching speech activities. Shows the integration of speech with academic areas. SAA

Rasmussen, Carrie. Speech Methods in the Elementary School. Revised edition. New York: Ronald, 1962. 340 pp. $5.50.

E Includes methods and materials for teaching various aspects of speech. Particularly good in choral speaking area. SAA

Robinson, Karl F., and Kerikas, E. J. Teaching Speech: Methods and Materials. New York: McKay, 1963. 534 pp. $6.50.

S Contains both classroom and cocurricular approaches, methods, and materials for all areas of speech taught in the secondary schools. SAA

Siks, Geraldine B. Creative Dramatics: An Art for Children. New York: Harper, 1958. 472 pp. Illus. $7.50; text edition, $5.50.

E Tells how to guide creative dramatics and find material for it. SAA

900 HISTORY

*Anderson, Howard R., and Lindquist, E. F. Selected Test Items in American History. Revised by Harriet Stull. Bulletin No. 6. Washington, D.C.: National Council for the Social Studies, NEA, 1964. 126 pp. $1.50.

S Multiple-choice test items for use in building teacher's tests or as models. Covers entire scope of American history. Introductory section considers theory of item building and suggestions for use. NCSS

Carr, Edward E. What Is History? New York: Knopf, 1962. 209 pp. $3.50.

ES Philosophical speculations on the meaning, methods, and uses of history. Affords the social studies teacher a perspective on history and perhaps suggests some justification for teaching history. NCSS

*Cartwright, William H., and Watson, Richard L., Jr., coeditors. Interpreting and Teaching American History. Thirty-First Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1961. 430 pp. Cloth, $5; paper, $4.

ES Organized by historical period to present new interpretations, and by grade level to present various teaching approaches. Includes chapters on reading, the use of geography, and the use of local resources. NCSS

Engle, Shirley H., editor. New Perspectives in World History. Thirty-Fourth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1964. 684 pp. Cloth, $6; paper, $5.

S A comprehensive consideration of new approaches to world history, new interpretations of period and intellectual history, and a study of world regions. NCSS

Gottschalk, Louis R. Understanding History: A Primer of Historical Method. New York: Knopf, 1950. 290 pp. Paper, $3.50.

S Written primarily as a text on historical method for the college student. Contains many observations on the nature and methodology of history. Indicates ways in which historical facts may be made meaningful to the high school student. NCSS

Logasa, Hannah. World Culture. McKinley Bibliographies, Vol. III. Philadelphia: McKinley, 1963. 384 pp. $12.
S An annotated bibliography of world culture. A companion volume to Historical Fiction and Historical Non-Fiction, in the same series. Cites both fiction and nonfiction. NCSS

Long, Harold M., and King, Robert N. Improving the Teaching of World Affairs: The Glens Falls Story. Bulletin No. 35. Washington, D.C.: National Council for the Social Studies, NEA, 1964. 101 pp. $2.
ES Report of a school and community action program in Glens Falls, New York. A blueprint for other schools and communities to use in developing programs in international understanding. NCSS

Speiseke, Alice W. World History Book List for High Schools: A Selection for Supplementary Reading. Revised edition. Bulletin No. 31. Washington, D.C.: National Council for the Social Studies, NEA, 1962. 145 pp. $1.50.
S Divided into two major parts: (1) an annotated list of 483 books arranged alphabetically by author and (2) three lists in which the books are grouped by period, topic, and geographic area. NCSS

Titowsky, Bernard. American History. McKinley Bibliographies, Vol. IV. Philadelphia: McKinley, 1964. 144 pp. $6.50.
S An annotated bibliography selected on the basis of availability, readability, and authority. Fiction and nonfiction. NCSS

910 GEOGRAPHY

Broek, Jan O. M. Geography, Its Scope and Spirit. Social Science Seminar Series. Columbus, Ohio: Merrill, 1965. 116 pp. Illus. Cloth, $3.95; paper, $1.75.
ES A professional geographer presents a scholarly view of geography as one of the social sciences. Final chapter suggests methods for classroom teachers. NCGE

Forsyth, Elaine. Map Reading. Geographic Education Series No. 1. Normal, Ill.: National Council for Geographic Education. 62 pp. Illus. $1.50.
E An elementary book that will aid the teacher in explaining the principal points of map reading and the student in understanding them. NCGE

*Gabler, Robert E., editor. A Handbook for Geography Teachers. Geographic Education Series No. 6. Normal, Ill.: National Council for Geographic Education, 1966. 273 pp. Illus. $5.
ES Contains chapters on the uses for the Handbook, the modern viewpoint of the discipline, and new equipment, materials, and sources. Subjects of current concern. Suggested outlines, activities, projects, and references for 24 topics in urban population and regional geography, climate, and water. NCGE

Gross, Herbert H. The Home Community. Do It This Way Series No. 4. Normal, Ill.: National Council for Geographic Education. 15 pp. Illus. $1.

E Suggests ways to analyze and study the home community by using field trips, surveys, mapping, resource persons, etc. Discusses the basic elements of the community. NCGE

Halverson, Lynn H. Geography via Pictures. Do It This Way Series No. 2. Normal, Ill.: National Council for Geographic Education. 24 pp. Illus. $1.

ES Methods and techniques in the use of still pictures in teaching geography and social studies. NCGE

Harris, Ruby M. Handbook of Map and Globe Usage. Third edition. Chicago: Rand McNally, 1959. 390 pp. Illus. $2.40.

ES Objectives: To indicate appropriate maps and globes for each grade; to set up learning goals; to introduce techniques and exercises. NCGE

Hill, Wilhelmina, editor. Curriculum Guide for Geographic Education. National Council for Geographic Education. Norman: University of Oklahoma, 1963. 162 pp. Paper, $4.

ES A comprehensive guide for curriculum workers and teachers. Major concepts in geography, skills, techniques, and evaluation. Use of new media in teaching geographic concepts. Discussion of scope and sequence for kindergarten through senior high school levels. NCSS

James, Preston E., editor. New Viewpoints in Geography. Twenty-Ninth Yearbook. Washington, D.C.: National Council for the Social Studies, NEA, 1959. 260 pp. Cloth, $5; paper, $4.

ES Deals with geography as seen by professional geographers. Gives teachers an insight into various aspects of geography. Suggests ways in which geography can be integrated in the social studies curriculum. NCGE, NCSS

James, Preston E., and Jones, Clarence F., editors. American Geography: Inventory and Prospect. Syracuse, N.Y.: Syracuse University, 1954. 590 pp. Illus. $9.

ES A definitive and scholarly work by professional geographers on the scope and nature of geography. A basic reference for teachers and curriculum workers concerned with the place of geography in the social studies program. NCSS

*James, Preston E., and Kennamer, Lorrin, editors. Geography as a Professional Field. Washington, D.C.: G.P.O., 1966. 95 pp. 35 cents.

S For guidance counselors, principals, teachers, and others who advise students. Its application to careers in such fields as cartography, urban and rural planning, economic development, climatology, transportation, military operations, teaching, etc., as described by specialists in various branches of geography. NCGE

Kohn, Clyde F., editor. Selected Classroom Experiences: High School Geography Project. Geographic Education Series No. 4. Normal, Ill.: National Council for Geographic Education, 1964. 60 pp. Illus. $1.

S Ideas on teaching geography in the secondary schools. Includes papers on the changing attitudes of teachers, students, and professional geographers; on the questions posed by administrators; and on the structure of geography. NCGE

Lokke, Donald H. Teaching Weather and Climate: Annotated Bibliography of Articles Published in the Journal of Geography. Leaflet No. 4. Normal, Ill.: National Council for Geographic Education. 8 pp. 25 cents.

ES Valuable source list for classroom projects, lesson plans, and background information. NCGE

McKinney, William M. Geography via Use of the Globe. Revised edition. Do It This Way Series No. 5. Normal, Ill.: National Council for Geographic Education, 1965. 22 pp. Illus. $1.

ES Describes and illustrates with diagrams and photographs the use of the globe. NCGE

*National Council for Geographic Education. Statistics for Teachers. Topics in Geography No. 2. Normal, Ill.: the Council, 1967. 36 pp. Illus. $1.

ES Much useful statistical information for geography teachers; reprinted from the January 1967 issue of the Journal of Geography. NCGE

Sabaroff, Rose. Maps and Mapping in the First Grade. Leaflet No. 3. Normal, Ill.: National Council for Geographic Education. 4 pp. 25 cents.

E Suggests practical mapping exercises for six-year-olds. Describes concepts to be taught. NCGE

Scarfe, Neville V. Geography in School. Geographic Education Series No. 5. Normal, Ill.: National Council for Geographic Education, 1965. 104 pp. Illus. $1.50.

ES Twelve essays on the fundamentals of good teaching of geography. Modern concepts, modern psychology, and technological advances added to the pioneer canons of geographic education. NCGE

Thralls, Zoe A. The Teaching of Geography. New York: Appleton, 1958. 339 pp. Illus. $4.

ES Designed for both student teachers and experienced teachers. Useful also to the administrator or supervisor who is not well prepared in geography but whose duties involve the direction and supervision of instruction in geography and the social studies. NCGE, NCSS

Journals

The Agricultural Education Magazine. Agricultural Section of the American Vocational Association, 19-27 N. Jackson Street, Danville, Ill. 61833. $3. (monthly)

S The professional journal of agricultural education. A must for every vocational agriculture teacher. AVA

American Anthropologist. American Anthropological Association, 1530 P Street, N.W., Washington, D.C. 20005. With membership only, $12; institutional, $25. (6 times a year)

ES Covers the entire field of anthropology. Somewhat technical articles. Large book review section and reviews of notable anthropological films. AAA

American Antiquity. Society for American Archaeology, 1530 P Street, N.W., Washington, D.C. 20005. Subscription by membership, $8. (quarterly)

ES Covers archaeology in the Americas. Somewhat technical articles. Reviews books on archaeology. AAA

The American Biology Teacher. National Association of Biology Teachers, Indiana University, Bloomington, Ind. 47401. $10. (9 issues, Oct. - May)

S Designed especially to meet the needs of the high school biology teacher. Presents background information articles as well as effective teaching techniques. Keeps the teacher informed of latest knowledge and technological developments. NSTA

American Education. U.S. Department of Health, Education, and Welfare, Office of Education. Available from Superintendent of Documents, G.P.O., Washington, D.C. 20402. $3.75. (10 times a year)

ES Overview for the concerned citizen as well as for professional educators, of significant events and projects affecting U.S. schools. AASL

The American Political Science Review. American Political Science Association, 1726 Massachusetts Avenue, N.W., Washington, D.C. 20036. $15. (quarterly)

S A wide variety of scholarly articles and book reviews in the areas of political theory, American government and politics, comparative government and politics, and international relations. APSA

The American Psychologist. American Psychological Association, 1200 Seventeenth Street, N.W., Washington, D.C. 20036. $10. (monthly)

ES The official publication of the APA. Contains articles of general information and interest as well as the records of the Association. APA

The American Vocational Journal. American Vocational Association, 1025 Fifteenth Street, N.W., Washington, D.C. 20005. $4. (monthly, Sept. - May)

S Deals with all occupational categories of vocational education. Articles authored by outstanding professional authorities. Should be on the magazine rack of every vocational educator in the country. AVA

The Annals of The American Academy of Political and Social Science. 3937 Chestnut Street, Philadelphia, Pa. 19104. $10. (bimonthly)

S Each issue devoted to a symposium on an important current economic, political, or social problem. APSA

The Arithmetic Teacher. National Council of Teachers of Mathematics, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $5. (monthly, Oct. - May)

E Articles cover the nature of arithmetic: techniques of teaching, curriculum problems, experimental studies, current trends, and other topics. Special sections summarizing research and reviewing books and materials. NCTM

Art Education. National Art Education Association, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $6. (monthly, Oct. - June)

ES The official journal of the National Art Education Association. Offers articles on art and the techniques of teaching for teachers of art at all levels. Reviews books and films and reports on items of general interest in the field of art and education. NAEA

Art in America. Art in America Co., Inc., 635 Madison Avenue, New York, N.Y. 10022. $18. (bimonthly)

ES Covers the various contemporary arts in a manner which attempts to be supportive yet reasonably critical. Usually freer of jargon than the other periodicals in the field. Excellent coverage of exhibitions and books. NAEA

Arts and Activities. Arts and Activities Magazine, 8150 N. Central Park Avenue, Skokie, Ill. 60076. $7. (monthly, Sept.-June)

ES A professional magazine of creative arts and activities for the classroom teacher. Brings to her desk the advice and guidance of the nation's top art educators in modern methods of using creative art activities in the classroom. NAEA

Audiovisual Instruction. Department of Audiovisual Instruction, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $6. (monthly, except July and August)

ES Frequently devotes issues to a single topic, such as programed instruction, educational television, planning schools for new media, instructional materials for the culturally disadvantaged. DAVI

BioScience. American Institute of Biological Sciences, 3900 Wisconsin Ave., N.W., Washington, D.C. 20016. $12. (monthly)

S Articles, research reports, news, evaluations of new curricula, book reviews, etc., primarily of interest to teachers in the biological sciences. AAAS

Bookbird. International Board on Books for Young People. The Package Library of Foreign Children's Books, Inc., 119 Fifth Avenue, New York, N.Y. 10003. $3.80. (quarterly)

ES An international periodical on literature for children and young people.

The Bulletin of the National Association of Secondary School Principals. National Association of Secondary School Principals, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $15. (monthly, 9 times a year)

S Articles on the conduct of secondary education, with special emphasis on curriculum and administration. NASSP

Chemistry. American Chemical Society, 1155 Sixteenth Street, N.W., Washington, D.C. 20036. $3. (monthly, except combined issue for July and Aug.)

S Content and research articles in chemistry of special interest to students as well as teachers. NSTA

Classical Journal. Classical Association of the Middle West and South, Inc.; Classical Association of New England; Classical Association of the Pacific States; Classical Association of the Atlantic States, Ohio University, Athens, Ohio 45701. $4.25. (monthly, Oct.-May)

S Articles of cultural and pedagogical interest to the classicist. Reviews of recently published books in the field of the classics. APA, DFL

The Clearing House. Fairleigh Dickinson University, Teaneck, N.J. 07666. $4.50. (monthly, Sept.-May)

S A journal for modern junior and senior high school faculties. NASSP

College Composition and Communication. National Council of Teachers of English, 508 South Sixth Street, Champaign, Ill. 61821. $3. (Feb., March, Oct., Dec.)

S Articles on teaching composition and communication with considerable relevance for teachers of English and others interested in high school-college articulation. NCTE

College English. National Council of Teachers of English. 508 South Sixth Street, Champaign, Ill. 61821. $5. (monthly, Oct.-May)

S Provides background on issues in school-college articulation and information on new scholarship in language and literature. Occasional issues focus on particular topics. NCTE

Contemporary Psychology, A Journal of Reviews. American Psychological Association, 1200 Seventeenth Street, N.W., Washington, D.C. 20036. $10. (monthly)

ES Reviews films and other materials. APA

DFL Bulletin. Department of Foreign Languages, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $3. (quarterly)

ES Offers articles on the latest developments in foreign language teaching. Also relays information on significant foreign language programs and pilot projects at all levels of language learning. DFL

Education. Bobbs-Merrill Co., 4300 W. Sixty-Second Street, Indianapolis, Ind. 46268. $5. (monthly, except June, July, and Aug.)

ES "Devoted to the science, philosophy, and literature of education." Informative articles on important areas of the curriculum and significant aspects of education. NSCTE

Education and Training of the Mentally Retarded. Division on Mental Retardation, Council for Exceptional Children, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $5. (Feb., April, Oct., and Dec.)

ES Contains articles on educational materials, research implications, classroom techniques, teacher education, and newsnotes from the U.S. Office of Education, in addition to research and program reports concerning the mentally retarded. CEC

Education U.S.A. National School Public Relations Association, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $18. (weekly, Sept.-May; monthly, June and July)

ES A fast, compact weekly which reports latest developments in education across the nation; alerts readers to important new reports on education and to significant coverage of education through press, radio, TV, national magazines. Gives up-to-the-minute news of educational developments in the U.S. Office of Education and other departments of the federal government. NSPRA

The Educational Forum. Kappa Delta Pi, P.O. Box 645, West Lafayette, Ind. 47906. $4. (Nov., Jan., Mar., May)

ES A general periodical concerned with educational matters at all levels on the national and international scene. Frequent contributions by and about professors of education. An editorial section and reviews of new professional books in each issue. NSCTE

Educational Leadership. Association for Supervision and Curriculum Development, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $5.50. (monthly, Oct.-May)

ES Each issue addressed to an aspect of the theme for that year. Primarily an expression of competent opinion by leaders in their areas of specialization. A research supplement planned for future issues. ASCD

Educational Screen and AV Guide. 434 S. Wabash Street, Chicago, Ill. 60605. $4. (monthly)

ES A magazine of general interest in the field of instructional media. The August issue is devoted to an annual Blue Book of Audio-Visual Materials. DAVI

Educational Theory. University of Illinois, Urbana, Ill. 61803. $5. (quarterly)

ES Official organ of the John Dewey Society and the Philosophy of Education Society. Designed to foster the continuing development of educational theory and to encourage wide and effective discussion of theoretical problems within the educational profession. PES

Elementary English. National Council of Teachers of English, 508 South Sixth Street, Champaign, Ill. 61821. $5. (monthly, Oct.-May)

E Articles cover spectrum of content and skills in elementary English language arts. Includes reviews of children's literature and professional books. Occasional issues focus several articles on a single theme. NCTE

Elementary School Guidance and Counseling. American School Counselor Association, 1605 New Hampshire Avenue, N.W., Washington, D.C. 20009. $4. (4 issues a year)

E Feature articles, book reviews, and professional news related to elementary guidance. APGA

English Journal. National Council of Teachers of English, 508 South Sixth Street, Champaign, Ill. 61821. $7. (monthly, Sept.-May)

S Scholarly and practical articles on the content and teaching of English. Regular departments covering new texts, professional books, and other teaching materials. NCTE

Exceptional Children. Council for Exceptional Children, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $10. (monthly, Sept.-May, plus summer issue in July)

ES Includes reports of research studies on and programs for exceptional children, in addition to regular departments. Book reviews, authors' comments, and an annotated listing of books of interest to readers; columns reporting on progress at the ERIC Clearinghouse on Exceptional Children and the Instructional Materials Centers Network for Handicapped Children and Youth; descriptions of classroom activities and techniques for exceptional children. CEC

Family Safety. National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611. $2.25. (quarterly)
ES Feature articles designed to help parents prevent accidents in homes, traffic, and recretational activities. Saf.

Film News. 250 West 57th Street, New York, N.Y. 10019. $4. (bimonthly)
ES A magazine for users of films, filmstrips, ETV, and equipment. DAVI

FL Annals. American Council on the Teaching of Foreign Languages, 62 Fifth Avenue, New York, N.Y. 10011. $4. (quarterly)
S Articles of interest to classical and modern language teachers. Contains information from ERIC on foreign languages; annual bibliography on physiology and psychology of language learning. DFL

French Review. American Association of Teachers of French. Waverly Press, Mt. Royal & Guilford, Baltimore, Md. 21202. $6. (6 times a year)
ES A journal for teachers. Includes articles on methodology, language, literature, and reviews of professional books and literary works in French. DFL

GeoTimes. American Geological Institute, 1444 N Street, N.W., Washington, D.C. 20005. $2. (10 times a year)
S News magazine for the geological profession. Frequently contains articles and information on geological education. NSTA

German Quarterly. American Association of Teachers of German, Dept. of Germanic Languages, Syracuse University, Syracuse, N.Y. 13210. $7.50. (5 times a year)
S A periodical for teachers containing articles in German and English on pedagogy and literature. Book reviews and professional notes included. DFL

Hispania. American Association of Teachers of Spanish and Portuguese, Wichita State University, Wichita, Kans. 67208. $5. (5 times a year)
S Contains articles on pedagogy and literature, reviews of professional books and literary works in Spanish and Portuguese. Also provides information on teaching aids. DFL

The Horn Book Magazine. Horn Book, Inc., 585 Boylston Street, Boston, Mass. 01505. $5. (bimonthly)
E Devoted to reviews of literature for children and young adolescents. Shows concern for literature which is "inspired" rather than merely "useful." NCTE

Human Organization. Society for Applied Anthropology, Lafferty Hall, University of Kentucky, Lexington, Ky. 40506. Subscription by membership, $8; institutional, $10. (quarterly)
ES Articles on all aspects of sociocultural change touched on by the behavioral sciences. AAA

Illinois Teacher of Home Economics. Division of Home Economics Education, Department of Vocational-Technical Education, College of Education, University of Illinois, Urbana, Ill. 61803. $3. (bimonthly)
S Each issue presents various summaries and points of view on specific significant issues or problems of current interest in home economics education. References, bibliographies, and illustrations included. DHE

Industrial Arts and Vocational Education. Bruce Publishing Co., 400 N. Broadway, Milwaukee, Wis. 53201. $4. (monthly, except July and Aug.)
ES Reviews current legislation and advertises new products. Presents new ideas for the upgrading of school shop programs. AIAA

Integrated Education. Integrated Education Association, 343 S. Dearborn Street, Chicago, Ill. 60604. $4. (bimonthly)
ES The only periodical devoted exclusively to school integration. PR&R

It Starts in the Classroom. National School Public Relations Association, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $4. (monthly, Sept.-May)
ES Monthly report written especially for classroom teachers. Packed with classroom-inspired and tested public relations ideas and techniques developed by teachers all over the country. NSPRA

Journal of Chemical Education. Division of Chemical Education of the American Chemical Society, 500 Fifth Avenue, New York, N.Y. 10036. $4. (monthly)
S Contains articles of current interest in chemistry, methods of presentation, announcements of new books, equipment, films, etc. Special articles on demonstrations and science projects in each issue. NSTA

Journal of Geography. National Council for Geographic Education, Concordia Teachers College, 7400 Augusta Street, River Forest, Ill. 60305. $7. (monthly, Sept.-May)

ES For those concerned with geographic education at any level, from the elementary grades through high school and college. Contains substantive, philosophical, and methodological articles, as well as book and film reviews. NCGE, NCSS

Journal of Health • Physical Education • Recreation. American Association for Health, Physical Education, and Recreation, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $15. (9 issues a year)

ES Official magazine of AAHPER with professional articles and news. Regular departments treat new teaching aids, research, dance, professional preparation, etc. AAHPER

Journal of Home Economics. American Home Economics Association, 1600 Twentieth Street, N.W., Washington, D.C. 20009. With AHEA membership of $20. (10 issues a year)

S The official professional publication of the AHEA. Articles concerned with current trends, research studies, abstracts, new books, and department activities. AVA, DHE

The Journal of Industrial Arts Education. American Industrial Arts Association, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $6. (5 times a year)

ES Philosophy, aims, trends, and legislation affecting industrial arts education. A professional reference for the industrial arts teacher. AIAA

Journal of Marketing. American Marketing Association, 230 N. Michigan Avenue, Chicago, Ill. 60601. $10. (quarterly)

S Features articles in the field of marketing and latest information on advertising, retailing, sales forecasting, pricing, industrial marketing, and foreign marketing. AVA

Journal of Negro Education. Bureau of Educational Research, Howard University, Washington, D.C. 20201. $5. (quarterly)

ES Source of information about the status of school desegregation in the United States. Also articles on the various educational problems associated with school desegregation. PR&R

Journal of Reading. International Reading Association, Box 695, Newark, Del. 19711. $8. (monthly, Oct.-May)

S Includes articles and features of interest to high school and college teachers concerned with reading. IRA

Journal of Research in Music Education. Society for Research in Music Education, Music Educators National Conference, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $6. (4 issues)

S Scholarly publication of research studies in music education. MENC

Journal of Research in Science Teaching. National Association for Research in Science Teaching, 605 Third Avenue, New York, N.Y. 10016. $10. (Mar., June, Sept., and Dec.)
S Reports research in science education by scientists and science educators. Of interest to curriculum development personnel as well as to college teachers of science education and scientists interested in the problems of science education. NSTA

Journal of Retailing. Institute of Retail Management, New York University, New York, N.Y. 10003. $3.50. (quarterly)
S Applies marketing concepts to retailing and includes research and opinion studies. Reviews by educators and business executives in the field of retailing. AVA

Journal of School Health. American School Health Association, 515 East Main Street, Kent, Ohio 44241. Membership, $5; single copies, $1. (10 issues a year)
ES Published for professionals in school health with special appeal for school administrators, teachers, and health agency personnel. AAHPER

The Journal of Teacher Education. National Commission on Teacher Education and Professional Standards, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $5. (quarterly)
ES The only national journal devoted exclusively to teacher education. Articles cover current issues and problems, with an occasional symposium on timely subjects. Special departments, including research and book reviews. NCTEPS, NSCTE

Marriage and the Family. National Council on Family Relations, 1219 University Avenue, Southeast, Minneapolis, Minn. 55414. $12, including membership in the organization. (quarterly)
S For all those who are professionally concerned with marriage and the family. Offers a broad coverage of the latest theories, research, and practice reports relating to family development. DHE

The Mathematics Teacher. National Council of Teachers of Mathematics, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $5. (monthly, Oct.-May)
S Articles devoted to the nature of mathematics, techniques of teaching, current trends, experimental studies, resource materials, and other topics. Special sections summarizing research and reviewing books and materials. NCTM

Modern Language Journal. National Federation of Foreign Language Associations, Inc., University of Wisconsin, Milwaukee, Wis. 53211. $4. (8 times a year; monthly, Jan.-May and Oct.-Dec.)
ES A journal for all modern foreign language teachers. Contains articles of pedagogical, linguistic, and literary interest on all aspects and levels of language teaching. DFL

The Music Educators Journal. Music Educators National Conference, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. $5. (9 issues a year)

S Official magazine of the 51 federated state and territorial associations comprising the Music Educators National Conference and of the national auxiliaries and associated organizations. MENC

The National Future Farmer. Future Farmers of America, Alexandria, Va. 75 cents. (bimonthly)

S The national FFA magazine. Provides news stories and feature articles concerning students of vocational agriculture. Written at student level. Especially useful as an inspirational and motivational tool for vocational agricultural teachers. AVA

Natural History. American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024. $5. (bimonthly)

ES Popular magazine of natural history with good illustrations and general articles in the biological sciences, earth sciences, astronomy, archaeology, and anthropology written by specialists for the layman. Book reviews. AAA, AAAS

Occupational Outlook Quarterly. Bureau of Labor Statistics, U.S. Department of Labor, Washington, D.C. 20210. $1.25, or 35 cents a copy. (quarterly)

ES Designed to provide current information on employment trends and outlook, based on Bureau of Labor Statistics research, for counselors and other education personnel. APGA

Parks and Recreation. National Recreation and Parks Association, 1700 Pennsylvania Avenue, N.W., Washington, D.C. 20006. $5. (12 issues a year)

ES The official publication of the National Recreation and Parks Association. Of interest to teachers, recreation leaders, Girl Scout and Boy Scout leaders, and volunteer recreation and playground personnel. AAHPER

The Personnel and Guidance Journal. American Personnel and Guidance Association, 1605 New Hampshire Avenue, N.W., Washington, D.C. 20009. $10. (10 issues, Sept.-June)

ES The official publication of APGA. Articles deal with practices in personnel and guidance work, current problems in the field, trends in training personnel and guidance workers, and theory and research. Also includes book reviews, letters and comments, test reviews, and news of association activities. APGA

Physics Today. American Institute of Physics, 335 E. 45th Street, New York, N.Y. 10017. $4. (monthly)

S For the physics teacher. General articles and reports by professional research workers or others; news, comments, announcements of interest to physics teachers and physicists; editorials. AAAS

The Quarterly Journal of Speech. Speech Association of America, Statler Hilton Hotel, New York, N.Y. 10001. Membership, $12.50. (Feb., April, Oct., Dec.)

S Considered the authoritative publication in the field of speech. Contains valuable articles, book reviews, announcements of publications. SAA

Reading Research Quarterly. International Reading Association, Box 695, Newark, Del. 19711. $10. (quarterly)

ES A journal devoted to experimental research and theoretical speculation in reading and related areas. Useful to the scholar or teacher who has a deep interest in reading. IRA

The Reading Teacher. International Reading Association, Box 695, Newark, Del. 19711. $8. (monthly, Oct.-May)

E Contains articles of interest to teachers of reading, both scholarly and practical in nature. Regular features on research, book reviews, magazine reviews, and literature for children. IRA

Research in Education. U.S. Department of Health, Education, and Welfare, Office of Education. Available from Superintendent of Documents, G.P.O., Washington, D.C. 20402. $11. (monthly)

ES Prepared by the Educational Resources Information Center (ERIC) to alert teachers, administrators, and social scientists to research findings and materials collected by ERIC's clearinghouses. AASL

Research Quarterly. American Association for Health, Physical Education, and Recreation, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $8. (quarterly)

S Reports of studies in school health, physical education, athletics, and recreation, as these relate to such topics as development of motor skills, teaching techniques, attitude studies. AAHPER

Safety: Journal of Administration, Instruction, Protection. National Commission on Safety Education of the National Education Association, 1201 Sixteenth Street, Washington, D.C. 20036. $6. (Sept., Nov., Jan., March, May)

ES Authoritative articles on topics ranging the spectrum of safety education. Includes editorials, news, research reports, library materials, calendar of events, school transportation, and items relating to the American Driver and Traffic Safety Education Association and the National Student Traffic Safety Program. NCSE

School Arts. Davis Publications, 19-64 Printers Bldg., Worcester, Mass. 01608. $7. (monthly, Sept.-June)

ES Standard reference and instruction magazine for art teachers at all school levels. Illustrates and describes creative art, drawing, and handwork. Treats drawing, design, posters, cut paper, illustration, projected plays, and puppets. NAEA

The School Counselor. American School Counselor Association, 1605 New Hampshire Avenue, N.W., Washington, D.C. 20009. $5. (5 issues a year)

S Contains articles dealing with concepts and practical suggestions as well as theory and research in the areas of elementary and secondary school guidance. APGA

School Safety. National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611. $3.60. (quarterly)

E Feature articles designed to assist teachers in safety education efforts with children. Specific materials slanted to lower and upper elementary school levels. Saf.

School Science and Mathematics. Central Association of Science and Mathematics Teachers, P.O. Box 108, Bluffton, Ohio 45817. $5. (monthly, Oct.-June)

ES Largely devoted to the teaching of science, but also contains articles of interest in the areas of elementary and secondary mathematics. NCTM

Science. American Association for the Advancement of Science, 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005. $12. (weekly)

S Feature articles, shorter notes on current research, timely editorials and letters, science news analyses in depth, reviews of professional-level books. AAAS, NSTA

Science and Children. National Science Teachers Association, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $4. (8 issues a year)

E Exclusively devoted to assisting the elementary school teacher in the teaching of science. Includes classroom procedures, developments in the various areas of science teaching, reviews of materials, and other features. AAAS, NSTA

Science Books: A Quarterly Review. American Association for the Advancement of Science, 1515 Massachusetts Avenue, N.W., Washington, D.C. 20005. $4.50; $3 for additional subscription to same addressee. (quarterly in May, Sept., Dec., and March)

ES Evaluations of science and mathematics books by professional specialists, educators, and others at elementary, secondary, and college undergraduate levels. Textbooks, trade books, and reference books reviewed. Books graded as to level of difficulty and as to quality ("highly recommended," "recommended," "acceptable," or "not recommended"). AAAS

The Science Teacher. National Science Teachers Association, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. $10. (monthly, Sept.-May)

S Contains articles, classroom ideas, resource reviews, and additional helpful information for science teachers at all grade levels. AAAS, NSTA

Scientific American. Scientific American, Inc., 415 Madison Avenue, New York, N.Y. 10017. $7. (monthly)

S Articles covering the entire field of science written by scientists for interested lay readers. Excellent material for teachers and able students. AAAS, NSTA

Sky and Telescope. Sky Publishing Corporation, 49 Bay State Road, Cambridge, Mass. 02138. $6. (monthly)

S Excellent magazine for popular and semitechnical astronomy; contains teaching ideas. NSTA

Skylights. National Aerospace Education Council, 806 Fifteenth Street, N.W., Washington, D.C. 20012. $2. (monthly, Sept.-May)

S Includes current aviation and space travel news, historical items, unusual aerospace facts and figures, aerospace education news, pictures, etc. Useful in providing background information for high school students and for teachers. NAEC

The Slavic and East European Journal. American Association of Teachers of Slavic and East European Languages, Brandeis University, Waltham, Mass. 02154. $10. (4 times a year)

ES A journal for teachers. Contains articles on methodology, language, and literature. DFL

Social Education. National Council for the Social Studies, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. $6. (monthly, Oct.-May)

S The official organ of the Council. Contains articles on all aspects of social studies education together with special sections dealing with reviews of new books, materials, teaching aids, and current developments. A basic, indispensable item in the professional library. NCSS

The Social Studies. McKinley Publishing Company, 112 South New Broadway, Brooklawn, N.J. 08030. $5. (monthly, Oct.-April)

ES Articles of general interest to the teacher and administrator. Includes regular sections on teaching materials and book reviews. NCSS

Southern Education Report. Southern Education Reporting Service, 1109 Nineteenth Avenue, South, Nashville, Tenn. 37212. $3. (10 times a year)

ES Inaugurated to provide accurate and unbiased information on educational developments in Southern states; but the problems it treats have no geographical limitations. A quality production in every respect. NASSP, PR&R

Southwestern Journal of Anthropology. Department of Anthropology, University of New Mexico, Albuquerque, N.Mex. 87106. $5. (quarterly)

ES Not limited to articles on the Southwest. Covers the entire field of anthropology. Reviews of anthropology books. AAA

The Speech Teacher. Speech Association of America, Statler Hilton Hotel, New York, N.Y. 10001. Membership, $12.50. (Jan., March, Sept., Nov.)

ES Planned especially for teachers of speech. Gives practical suggestions on teaching methods and on conducting extracurricular activities. Reviews of books, periodicals, and audiovisual aids. SAA

Studies in the Philosophy of Education. Southern Illinois University, Edwardsville, Ill. 62025. $3.25 each. (quarterly)

ES Essays and reviews of current literature on the philosophic foundations of education. PES

TEPS Newsletter. National Commission on Teacher Education and Professional Standards, NEA, 1201 Sixteenth Street, N.W., Washington, D.C. 20036. Free. (6 times a year)

ES Concise national, state, and local news on teacher education and professional standards; editorials on timely topics. An aid to teachers and administrators in keeping up with important developments. NCTEPS

Tips and Topics. School of Home Economics, Texas Technological College, Lubbock, Tex. 79406. $2. (quarterly)

S A valuable accumulation of current information, ideas, suggestions, and tips geared to specific areas of home economics; i.e., family relations, child development, housing, clothing, new products, and evaluation. DHE

Today's Health. American Medical Association, 535 North Dearborn Street, Chicago, Ill. 60610. $4. (monthly)

ES Covers topics in medicine, dentistry, child health, nutrition, travel, recreation, and other areas of interest to teachers. AAHPER

Traffic Safety. National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611. $5.10. (monthly)

S Includes articles dealing with engineering, enforcement, and education aspects of traffic safety. Departments: safety library, news, coming events, and the national traffic record. NCSE

Trans-Action. Washington University, St. Louis, Mo. 63130. $6. (10 times a year)

ES A magazine of the social sciences that offers educators new insights, reliable research, and informative discussion in areas basic to their continuing concerns. Consistently excellent writing and imaginative editing. NASSP

UNESCO Bulletin for Libraries. UNESCO Publications Center, 317 East 34th Street, New York, N.Y. 10016. $3.50. (bimonthly)

ES Contains international coverage, up-to-date information on reference books, bibliographies, works on librarianship, library development in the world, UNESCO's role in international library cooperation, cultural agreements, copyright, microreproduction, publications for exchange or offered free, books wanted. UNESCO

UNESCO Courier. UNESCO Publications Center, 317 East 34th Street, New York, N.Y. 10016. $5. (monthly, except combined Aug.-Sept. issue)

ES A serious and vivid magazine with informative articles on educational, scientific, and cultural advancements throughout the world. Truly international, offers authentic insight into developments that influence our increasing awareness of the world around us. UNESCO

The Vocational Guidance Quarterly. National Vocational Guidance Association, 1605 New Hampshire Avenue, N.W., Washington, D.C. 20009. $3. (quarterly)

ES Contains articles on various aspects of vocational counseling in school, government, business, and industry. Presents information on career selection and outlook in relation to a changing society. APGA

Weather Wise. American Meteorological Society, 45 Beacon Street, Boston, Mass. 02108. $5. (bimonthly)

S News magazine that contains articles on the atmospheric sciences and education. Also weather maps and charts. NSTA

What's New in Home Economics? 466 Lexington Avenue, New York, N.Y. 10017. $6. (monthly, except July and Aug.)

S A magazine for home economics teachers and other qualified home economists. AVA

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